Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

U.S. DEPARTMENT OF AGRICULTURE WASHINGTON, D.C. 20250

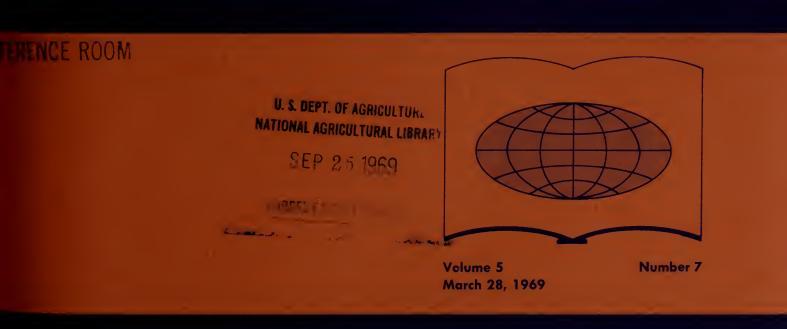
OFFICIAL BUSINESS

To stop mailing or to change your address send this sheet with new address to Pesticides Information Center, National Agricultural Library, Washington, D.C. 20250.



POSTAGE AND FEES PAID
U.S. DEPARTMENT OF AGRICULTURE

Pesticides Documentation BULLETIN





U.S. DEPARTMENT OF AGRICULTURE

PESTICIDES DOCUMENTATION BULLETIN

A Bi-Weekly Publication of U.S. Department of Agriculture

OBJECTIVES AND SCOPE

The Pesticides Documentation Bulletin is compiled by the National Agricultural Library's Pesticides Information Center to facilitate national research efforts in all aspects of pest control. This bi-weekly index to the literature includes coverage of diseases, insects, nematodes, parasites, weeds and other pests affecting plants, animals, man, our natural resources and other values in man's environment. Special emphasis is given to the literature on toxicological, physiological and epidemiological aspects of pests and their control by chemical biological and integrated methods.

For broader coverage of literature on agriculture and related subjects, please consult the *Bibliography of Agriculture*, a monthly publication of the National Agricultural Library.

FORMAT

The *Bulletin* is a categorized bibliography, with citations arranged alphabetically by author under the following major subjects:

- 10 Entomology
- 20 Crop Protection
- 30 Livestock Protection
- 40 Commodity Protection
- 50 Environmental Contamination
- 55 Residues
- 60 Toxicology
- 65 Plant Physiology & Biochemistry
- 70 Chemistry
- 80 Engineering
- 90 Industry

Citations: Each citation consists of an accession number assigned serially with the last two digits representing the Bulletin's issue year, i.e. 3286-67. The citation number (minus the year) is used in all indices. Following the accession number is the full title of the article; all personal authors; an abbreviated journal title; volume, issue and inclusive page numbers; date of publication; language abbreviation, if other than English; and the National Agricultural Library's call number. Subject descriptors, patent or grant numbers, bibliographer's notes, and abstracts or extracts may follow each citation when appropriate.

Subject Index: Subject descriptors appear in the index followed by title arranged numerically by accession number. The Agricultural/Biological Vocabulary developed by the National Agricultural Library is used as a basic thesaurus of descriptors.

Biographical Index: Names of first authors are arranged alphabetically, followed by organizational affiliation and accession number.

Author Index: Names of personal authors are arranged alphabetically, followed by accession numbers of pertinent citations.

Organizational Index: Names of corporate authors or sponsoring organizations are arranged alphabetically followed by accession numbers of pertinent citations.

Other Files

In addition to the citations contained in the Bulletin, the Pesticides Information Center maintains two other files, the INTREDIS Register and the Herbicides Data File.

The INTREDIS Register is a computer data bank in the field of forest pathology. It contains title and author references to abstracted articles including subject, country, host plant genus or species, organisms causing the diseases, abstracting journal and year of publication. The computer search uses boolean parameters in any combination of elements listed.

The Herbicides Data File consists of reports on field tests conducted by the Crops Protection Research Branch, Crop Research Division, Agriculture Research Service. Each test record contains the following items of information:

Compound Tested

Company furnishing the compound

Author or Investigator

Test Sponsor

Date

Location

Mode of Application

Rates of Application

Soil Types

Carriers

Crops or Weeds tested with phytotoxicity ratings

Associated documentation

Note: Items subject to proprietory restriction will be suppressed when appropriate.

AVAILABILITY OF REFERENCES CITED

Search Requests

Each item appearing on magnetic tapes in the Pesticides Information Center is fully searchable on the computer. Questions submitted to the Center should fully describe all parameters of the desired information in narrative form.

Search requests may be submitted to:

U.S. Department of Agriculture
National Agricultural Library
PESTICIDES INFORMATION CENTER
Beltsville, Maryland 20705

Loans

Most of the material in the National Agricultural Library collection may be borrowed by employees of the Department of Agriculture and by other libraries. In requesting loans, please include the Library call number found with the citation. Loan of periodicals is restricted to the Washington, D.C. area. Foreign statistical publications and rare books are loaned only by special arrangement.

Free Distribution

U.S.D.A. publications: Domestic requests for publications of the United States Department of Agriculture will be supplied free to libraries and other qualified agencies and organizations upon application to the United States Department of Agriculture, Office of Information, Washington, D.C. 20250, as long as the supply lasts. Foreign institutions, organizations and agencies which issue publications may obtain U.S.D.A. publications in exchange by writing to the United States Department of Agriculture, National Agricultural Library, Exchange Unit, Washington, D.C. 20250.

State Agricultural Experiment Station and Extension Service publications are available except where noted, and as long as the supply lasts, from the issuing station or service. The National Agricultural Library does not distribute them; however, reproductions are available at regular Library rates.

Reproduction

All articles listed may be obtained in microfilm or photoprint form from the United States Department of Agriculture, National Agricultural Library, Photoduplication Section, Washington, D.C., 20250. Copying charges for each periodical or book are:

MICROFILMS: \$1.00 for each 30 pages or fraction copied

from a single article or book.

PHOTOPRINTS: \$1.00 for each 4 pages or fraction copied

from a single article or book.

RUSH SERVICE: Will be furnished upon payment of \$1.00

additional for each order.

Payment must accompany the order. Cash, Library coupons, check or money order drawn to the National Agricultural Library, U.S.D.A., are acceptable. Payment for orders originating outside of the United States should be made by American bank, or by UNESCO book coupons. Superintendent of Documents coupons and requests to furnish photocopy to be paid from Superintendent of Documents Deposit funds cannot be honored. Credit may be extended only to Government agencies and institutions. Billing address should be indicated.

Magnetic Tape Files

The files of the *Pesticides Documentation Bulletin*, its Vocabulary, the Herbicides Data, and INTREDIS are available on magnetic tape for the IBM-360 series computer. All tapes are ninetrack, 800 bpi.

Tape prices are \$60.00 for the first tape reel on an order plus \$47.50 for each additional reel of magnetic tape. Tape orders may be submitted to:

U.S. Department of Agriculture National Agricultural Library AUTOMATION STAFF Beltsville, Maryland 20705

Library Coupons

National Agricultural Library coupons, valued at \$1.00 each, may be purchased in any quantity.

ACKNOWLEDGMENT

The Pesticides Information Center, National Agricultural Library, gratefully acknowledges the cooperation and assistance of the Department of Defense; Health, Education, and Welfare; and Interior; the Federal Committee on Pest Control, and state and industrial organizations in the development of the Center and preparation of this Bulletin. Special thanks are expressed to the Federal Committee on Pest Control for its suggestions and support. We hope the Bulletin will serve as an example of the effectiveness of interdepartmental cooperation and the speed with which effective services can be developed through a coordinated and cooperative interdepartmental effort.

Use of funds for printing this publication approved by the Director of the Bureau of the Budget (May 23, 1968).

PLEASE GIVE COMPLETE BIBLIOGRAPHIC INFORMATION AS IT APPEARS IN THIS PUBLICATION FOR EACH ITEM REQUESTED.

This publication reports research involving pesticides. It does not contain recommendations for their use, nor does it imply that the uses discussed here have been registered. All uses of pesticides must be registered by appropriate State and/or Federal agencies before they can be recommended.

CAUTION: Pesticides can be injurious to humans, domestic animals, desirable plants, and fish or other wildlife—if they are not handled or applied properly. Use all pesticides selectively and carefully. Follow recommended practices for the disposal of surplus pesticides and pesticide containers.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402. \$32.00 per year, domestic; \$40.00 per year, foreign. Single copies vary in price.

TABLE OF CONTENTS

| BIBLIOGRAPHY (Citations) | Pag |
|------------------------------------|----------|
| 10 ENTOMOLOGY | lug |
| Systematics | 1 |
| Physiology and Biochemistry | 3 |
| Genetics Medical Entomology | 8 |
| 20 CROP PROTECTION | 8 |
| Diseases | 9 |
| Arthropods | 13 |
| Nematodes | 13 14 |
| Weeds Other Pests | 15 |
| 30 LIVESTOCK PROTECTION | 15 |
| Diseases | 16 |
| Arthropods | 23 |
| Parasites | 23 |
| 40 COMMODITY PROTECTION | 24 |
| Storage Diseases | 24 |
| ArthropodsRodents and Other Pests | * |
| Microbial Contamination | 24 |
| 50 ENVIRONMENTAL CONTAMINATION | 24 |
| 55 RESIDUES | 24 |
| 60 TOXICOLOGY | 25 |
| 65 PLANT PHYSIOLOGY & BIOCHEMISTRY | 25 |
| 70 CHEMISTRY | 26 |
| 80 ENGINEERING | 26 |
| 90 INDUSTRY | 26 |
| Economics | * |
| Education | 26 |
| Regulations | 26 |
| SUBJECT INDEX | 27 |
| BIOGRAPHICAL INDEX | 81 |
| AUTHOR INDEX. | 89 |
| ORGANIZATIONAL INDEX | 93 |

Note: Mention of a company name or a proprietary product does not necessarily imply endorsement by the U.S. Department of Agriculture, NATIONAL AGRICULTURAL LIBRARY, PESTICIDES INFORMATION CENTER.

^{*}This issue does not contain citations under this category.



ENTOMOLOGY

3739-69

BULLETIN OF THE ENTOMOLOGICAL SOCIETY OF AMERICA.

Entomol Soc Amer Bull 15(1):72P

Mar 1969 423.9 EN8

Conferences, Entomology, Societies.

WHAT THE PRACTITIONER SHOULD KNOW ABOUT ARTHROPODS. (GE)

K Russ

Pflanzenarzt 20(2):15-18

01 Feb 1967 464.9 P482

Arthropoda, Entomology, Eriophyidae, Insect pests, Mites, Oribatei, Tarsonemidae, Tetranychidae. To be continued.

SYSTEMATICS

3741-69

STUDIES ON THE CRAMBINAE (LEPIDOPTERA). PART 44, NEW NEOTROPICAL GENERA AND SPECIES. PRELIMINARY CHECK-LIST OF NEOTROPICAL CRAMBINAE CHECK BINAE.

S Bleszynski

Acta Zool Cracov 12(5):39-110 REF

30 Mar 1967 410 AC86

Crambinae, Insect taxonomy, Zoogeography.

NEW PERILAMPIDAE (HYMENOPTERA: CHALCIDOIDEA).

B D Burks

Entomol Soc Wash Proc 71(1):73-81

Mar 1969 420 W27

Chalcidoidea, Chrysolampus anobii, Embia batesi, Embiidae, Euperilampus krombeini, Insect taxonomy, Parasitic insects, Perilampidae, Perilampus philembia.

3743-69

CONTRIBUTIONS TO THE KNOWLEDGE OF ANALGESOIDEA OF CZECHOSLOVAKIA. (FR

V Cerny

Acta Ent Bohemoslov 58(3):288-293

20 Jul 1961 420 C33

Acarina, Analgesidae, Birds, Parasitism, Taxonomy, Zoogeography. Czech summary.

Description of 14 species and sub-species belonging to the following families: Freyanidae, Pterolichidae, Dermoglyphidae, Analgesidae plus a listing of bird hosts.

TO THE FAUNA OF IXODID TICKS OF MONGOLIA.

M Dash

Folia Parasitol 16(1):18

1969 436.8 C33

Catalogs, Host relationships, Insect geography, 1x-odidae, Seasonal variation, Surveys.

CONTRIBUTION TO THE FAUNA OF THE CONGO (BRAZZAVILLE), MISSION OF A. VILLIERS AND A. DESCARPENTRIES. XLV. COLEOPTERA OCHODAEIDAE. (FR)

Inst Fondamental Afr Noire Bull Ser A Sci Natur

Jan 1967 515 D14

Coleoptera, Insect taxonomy, Zoogeography.

CLIMATE AND THE PHYLOGENY AND DISTRIBUTION OF TABANIDAE.

G B Fairchild

Entomol Soc Amer Bull 15(1):7-11 REF

Mar 1969 423.9 EN8

Climate, Insect genetics, Insect taxonomy, Tabanidae, Zoogeography.

3747-69

CATALOG OF THE COLEOPTERA OF AN-GOLA. (POR)

M C Ferreira

Rev Entoinol Mocainbique 8(2):415-1317 MAP

1965 421 R3294

Catalogs, Coleoptera, Insect taxonomy, Zoogeog-

3748-69

THREE NEW RECORDS OF THE GENUS PHANAEUS FROM GEORGIA (COLEOPTERA: SCARABAEIDAE).

G T Fincher R Davis T B Stewart

Entomol Soc Wash Proc 71(1):71-72

Mar 1969 420 W27

Insect taxonomy, Phanaeus igneus nigrocyaneus, Phanaeus torrens niger, Phanaeus vindex cyanellus, Scarabaeidae, Zoogeography.

3749-69

A NEW GENUS AND TWO NEW SPECIES OF CECIDOMYIIDAE ASSOCIATED WITH PARI-ANA SPP. (GRAMINEAE) IN SOUTH AMERICA (DIPTERA).

R J Gagne

Entomol Soc Wash Proc 71(1):108-111

Mar 1969 420 W27

Cecidomyiidae, Chauliodontomyia egregia, Chauliodontomyia parianae, Grasses, Insect taxonomy,

3750-69

GEOGRAPHIC DISTRIBUTION OF THE ANT GENUS FORMICA (HYMENOPTERA: FOR-MICIDAE).

R E Gregg

Entomol Soc Wash Proc 71(1):38-49 MAP REF Mar 1969 420 W27

Formicidae, Insect morphology, Social insects, Zoogeography.

3751-69

A NEW CLICK BEETLE OF THE GENUS AGRIOTES ESCH. (COLEOPTERA,E-LATERIDAE) FROM SOVIET CENTRAL ASIA.

Y L Gur'yeva

Entomol Rev 46(1,JAN-MAR):121-122

1967 421 R322AE

Agriotes, Coleoptera, Elateridae, Insect taxonomy, Zoogeography. The new click beetle identified is Agriotes tadzhikistanicus previously identified as Agriotes nadari and Agriotes squalidus.

3752-69

LETTERS ON LEAF MINERS. (GE)

E M Hering

Dr. W. Junk N.V., The Hague, Netherlands 450P 1968 SB945.L55H4

Agromyzidae, Host indexing (plants), Insect taxonomy, Insects, Leaf miners, Liriomyza.

3753-69

THE LARVA OF CARABUS (HYGROCARABUS THOMS.) VARIOLOSUS VARIOLOSUS FABR. AND ITS POSITION IN THE LARVAL SYSTEM OF GENUS CARABUS L. (COLEOPTERA, CARABIDAE). (GE)

K Hurka

Acta Ent Bohemoslov 58(3):266-271 REF 20 Jul 1961 420 C33

Carabidae, Carabus, Insect morphology, Insect taxonomy, Larvae. Czech summary.

ON THE ORTHOPTEROUS FAUNA IN THE SOUTH OF THE KRASNOYARSK TERRITORY.

I V Ivanova

Entomol Rev 46(1,JAN-MAR):72-80 REF 1967 421 R322AE

Acridoidea, Orthoptera, Surveys, Zoogeography.

NOTES ON THE CHRYSOMELIDAE FROM TAIWAN I.

S Kimoto

Kontyu 35(4):368-374

Nov 1967 421 K833

Chrysomelidae, Coleoptera, Insect identification, Zoogeography. 5 subfamilies (Zeugophorinae, Megalopodinae, Donaciinae, Criocerinae, and Clytrinae) and 30 species are discussed.

A NEW SPECIES ON NEOTROPICAL SEED WEEVIL AFFECTING PIGEON PEAS, WITH NOTES ON TWO CLOSELY RELATED SPE-CIES(COLEOPTERA: BRUCHIDAE: BRUCHIN-AE).

J M Kingsolver

Entornol Soc Wash Proc 71(1):50-55 REF

Mar 1969 420 W27

Acanthoscelides armitagei, Acanthoscelides distin-Acanthoscelides ochraceicolor, Acanthoscelides zeteki, Bruchidae, Coleoptera, Insect taxonomy, Neotropical Region, Pigeonpeas.

A NEW SPECIES OF ANTONINA SIGNORET FROM SOUTH DAKOTA WITH NEW RECORDS FOR A. BOUTELOUAE PARROTT HOMORTERA. COCCUPEA PRESUMENCE (HOMOPTERA: COCCOIDEA: PSEUDOCOC-CIDAE).

M Kosztarab B McDaniel

Entomol Soc Wash Proc 71(1):111-114

Mar 1969 420 W27

Antonina boutelouae, Antonina dakotensis, Bouteloua gracilis, Bouteloua hirsuta, Grasses, Insect taxonomy, Pseudococcidae.

rapilionoidea and Hesperioidea (Lepidoptera) of the Virgin Forest of BIALOWIESKI. (POL) M Krzywicki

M Krzywicki

Pol Akad Nauk Inst Zool Ann Zool 25(1):213P REF

15 Jun 1967 410.9 W26

Butterflies, Hesperiidae, Illustrations, Insect ecology, Insect taxonomy, Lepidoptera, Tables (data), Zoogeography. German and Russian summaries.

3759-69

ON THE STATUS OF CRESSON'S STENOPHASMUS SPECIES FROM CUBA (HYMENOPTERA: BRACONIDAE: DORYC-TINAE).

R W Matthews P M Marsh

Entomol Soc Wash Proc 71(1):94-98

Mar 1969 420 W27

Braconidae, Insect taxonomy, Ptesimogaster gundlachii, Zoogeography. S. gundlachii and S. mecischoides are transferred to Ptes imogaster, S. cubensis and S. pusillus are synonyms of S. gundlachii.

THE PALEARCTIC SPECIES OF MEGATOMA HERBST (COLEOPTERA, DERMESTIDAE).

M Mroczkowski

Pol Pismo Entomol 37(1):3-24 MAP REF

15 Aug 1967 421 P76

Dermestidae, Insect taxonomy, Megatoma, Zoogeography. Polish summary.

TAXONOMY AND DISTRIBUTION OF THE PALEARCTIC NEMAPOGON SPECIES (LEPIDOPTERA, TINEIDAE). (GE)

G Petersen

Acta Ent Bohemoslov 58(3):272-283

20 Jul 1961 420 C33

Insect taxonomy, Nemapogon levanting Nemapogon orientalis, Tineidae, Zoogeography.

CONODONTIS PEPLARIA GEYER, A NOC-TUID, NOT A GEOMETRID (LEPIDOPTERA). R W Poole

Entomol Soc Wash Proc 71(1):107

Mar 1969 420 W27

Geometridae, Insect taxonomy, Noctuidae. Nomenclature, Zethes peplaria.

BIBLIOGRAPHY

3763-69

3763-69

SOLIERELLA NITRARIA SP. N. (HYM., SPHECIDAE). (FR)

W Pulawski

Pol Pismo Entomol 37(1):65-68

15 Aug 1967 421 P76

Insect identification, Insect taxonomy, Solierella nitraria, Sphecidae. Polish summary.

SOUTH AMERICAN COCHYLIDAE (LEPIDOPTERA) FROM THE COLLECTION OF THE BRITISH MUSEUM (NATURAL HISTORY).

J Razowski

Acta Zool Cracov 12(8):163-210

30 Sep 1967 410 AC86

Insect taxonomy, Lepidoptera.

THE COLONIZATION OF LAKE CONSTANCE WITH CHIRONOMIDAE. (GE)

F Reiss

Umschau 68(23):721-722

07 Nov 1968 474 UM7

Aquatic insects, Chironomidae, Insect ecology, Insect populations, Zoogeography.

3766-69

ECOLOGICAL AND SYSTEMATIC INVESTIGATIONS OF THE CHIRONOMIDAE (DIPTERA) OF LAKE CONSTANCE. A CON-**ECOLOGICAL** TRIBUTION TO THE LAKE CHIRONOMIDE FAUNA OF THE NORTHERN FOOTHILLS OF THE ALPS. (GE)

F Reiss

Hohemheim Landwirt Hochsch Diss (21):176-323 REF

Jun 1966 105.8 H686D

Aquatic insects, Chironomidae, Insect ecology, Insect populations, Insect taxonomy, Limnology, Zoogeography. English summary.

Reprint from: Archiv fur Hydrobiologie 64(2):176-323, Mar 1968, Stuttgart, West German.

3767-69

FAUNA OF THE HETEROPTERA ON TOWN WASTE NEOPEDON OF THE PRAGUE PERIPHERY. (CZ)

J Roubal

Acta Ent Bohemoslov 58(3):239-260 MAP REF 20 Jul 1961 420 C33

Flora, Heteroptera, Vegetation, Zoogeography. English summary.

A CONTRIBUTION TO THE GENUS MANTIS LINNE AND PARAMANTIS, NOV. (MAN-TIDAE). (FR)

R Roy

Inst Fondamental Afr Noire Bull Ser A Sci Natur 29(1):126-149 REF

Jan 1967 515 D14

Insect identification, Insect taxonomy, Mantidae, Zoogeography. 8 species of the new genus Paramantis are newly described.

A NEW SPECIES OF PENTHETRIA FROM JAPAN (DIPTERA, BIBIONIDAE).

M Sasakawa

Kontyu 35(4):361-363

Nov 1967 421 K833

Bibionidae, Insect identification, Insect taxonomy, Penthetria ritsumeikana. Japanese summary.

FAUNA AND ECOLOGY OF MOSQUITOES IN THE SOUTHERN PART OF THE MOSCOW DISTRICT. (RUS)

O N Sazonova

Moskov Obshch Ispytalelei Prirody Byul Otd Biol 73(2):63-80 REF

1968 511 M85

Culicidae, Insect ecology, Tables (data), Zoogeography. English summary.

3771-69

SUPPLEMENTARY COMMUNICATION CON-CERNING THE OCCURRENCE OF CARADRINA KADENII FRR. (LEP.NOCT.) IN SWITZERLAND. (GE)

A Schmidlin

Entomol Gesell Basel 14(3,MAY-JUN):61 1964 OL461.E58

Lepidoptera, Noctuidae, Zoogeography.

ON NOCTURNAL DARKLING BEETLES OF THE GENUS MELANESTHES LAC. (COLEOP-TERA, TENEBRIONIDAE) FROM CENTRAL KAZAKHSTAN.

N G Skopin

Entomol Rev 46(1, JAN-MAR):123-125

1967 421 R322AE

Insect taxonomy, Melanesthes, Nomenclature, Tenebrionidae.

THE GENUS SUSANA MIDDLETON ROHWER AND (HYMENOPTERA: TENTHREDINIDAE).

D R Smith

Entomol Soc Wash Proc 71(1):13-23 MAP

Mar 1969 420 W27

Hymenoptera, Insect taxonomy, Susana annulata, Susana oregonensis, Susana punctata, Susana rufa, Tenthredinidae.

3774-69

COLLEMBOLA FAUNA OF MALTA.

J Stach

Acta Zool Cracov 12(15):393-418 REF

30 Nov 1967 410 AC86

Collembola, Insect taxonomy, Surveys, Zoogeog-

THE ENTOMOLOGY OF THE ISLE OF RHUM NATIONAL NATURE RESERVE.

W O Steel G E Woodroffe

Soc Brit Entomol Trans 18(6):91-167 MAP

Mar 1969 420 SO15

Catalogs, Insect ecology, Insect taxonomy, Population, Surveys.

An extensive list of insect species collected on the Isle of Rhum in the Hebrides by the British Nature Conservancy is provided.

ACALYPTA PULCHRA SP. N.- A NEW SPECIES OF TINGIDAE FROM BULGARIA. (HETEROP-TERA, TINGIDAE). (GE)

I M Stusak

Acta Ent Bohemoslov 58(3):261-265 REF 20 Jul 1961 420 C33

Acalypta pulchra, Insect morphology, Insect taxonomy, Tingidae. Czech summary.

ON THE IDENTITY OF 'DASYTHORAX OGASAWARAE MATSUMURA' (LEPIDOP-TERA, NOCTUIDAE, CUCULLIINAE).

S Sugi

Kontyu 35(4):364-367

Nov 1967 421 K833

Cuculliinae, Dasypolia lama, Dasythorax ogasawarae, Insect identification, Insect taxonomy, Noctuidae. Japanese summary.

MORPHO-SYSTEMATIC STUDIES ON COL-LEMBOLA PART 01. MATERIALS TO A REVISION OF THE GENUS LEPIDOCYRTUS BOURLET, 1839 (ENTOMOBRYIDAE S. L.).

A Szeptycki

Acta Zool Cracov 12(13):369-377

30 Nov 1967 410 AC86

Collembola, Insect names, Insect taxonomy.

3779-69

THREE NEW SPECIES OF ERIOPHYID MITES (ACARIFORMES: ERIOPHYIDAE, CAPHYTOPTIDAE) FROM POLAND. RHYN-

Acta Zool Cracov 12(4):31-37 REF

15 Mar 1967 410 AC86

Eriophyidae, Insect taxonomy, Zoogeography.

TAXONOMIC AND NOMENCLATURAL NOTES ON GONODONTA OBESA (WALKER)(LEPIDOPTERA: NOCTUIDAE).

È L Todd

Entomol Soc Wash Proc 71(1):58-61

Mar 1969 420 W27

Gonodonta obesa, Insect taxonomy, Noctuidae, Nomenclature.

DISTRIBUTION RECORDS FOR MEROPLEON TITAN TODD (CEPIDOPTERA: NOCTUIDAE).

E L Todd

Entomol Soc Wash Proc 71(1):9

Mar 1969 420 W27

Insect taxonomy, Meropleon titan, Zoogeography.

THE NEOTROPIC SPECIES OF XANTHOPIM-PLA (HYMENOPTERA: ICHNEUMONIDAE).

H Townes

Entomol Soc Wash Proc 71(1):82-88

Mar 1969 420 W27

Ichneumonidae, Insect identification, Insect taxonomy, Neotropical Region, Xanthopimpla.

SPHECOIDEA FROM THE RYUKYUS AND FORMOSA (HYMENOPTERA).

K Tsuneki

Kontyu 35(4):382-390

Nov 1967 421 K833

Hymenoptera, Insect identification, Insect taxonomy, Sphecoidea, Zoogeography. 29 species are discussed of the subfamilies Sphecinae, Philanthinae, Nyssoninae, and Larrinae.

3784-69

STUDIES ON THE INSECT FAUNA ON SCOTCH BROOM SAROTHAMNUS SCOPARIUS (L.) WIMMER.

N Waloff

Adv Ecol Res 5:88-208 REF

1968 410 AD92

Birds, Cytisus scoparius, Insect ecology, Insect flight, Insect pests, Predaceous insects, Spiders.

A NEW SPECIES OF ERIOCOCCUS INFEST-ING AMERICAN BEACH-GRASS IN NORTH CAROLINA (HOMOPTERA: COCCOIDEA).

D J Williams Entomol Soc Wash Proc 71(1):90-93

Mar 1969 420 W27

Ammophila breviligulata, Coccoidea, Eriococcus carolinae, Insect identification, Insect taxonomy.

MATERIALS TO THE KNOWLEDGE OF THE SCALE INSECTS FAUNA OF YUGOSLAVIA (HOMOPTERA, COCCOIDEA).

B Zak-Ogaza

Acta Zool Cracov 12(9):211-217 REF

30 Sep 1967 410 AC86 Coccoidea, Insect taxonomy, Surveys, Zoogeography.

3787-69

NEW SPECIES OF HYPERA (COLEOPTERA, CURCULIONIDAE) FROM THE CRIMEAN MOUNTAINS.

V A Zaslavskiy

Entomol Rev 46(1, JAN-MAR):138-141

1967 421 R322AE

Curculionidae, Hypera, Insect taxonomy, Zoogeography.

PHYSIOLOGY AND BIOCHEMISTRY

3788-69

THE CONJUGATED PLASMA PROTEINS IN ADULT FEMALES OF PERIPLANETA AMERICANA (L.) UNDER STARVATION AND OTHER STRESS.

K G Adiyodi K K Nayar

Compar Biochem Physiol 27(1):95-104 REF

Oct 1968 444.8 C73

Blood proteins, Electrophoresis, Glycoproteins, Insect nutrition, Insect physiology, Periplaneta americana, Starvation, Stress.

3789-69

PINOCYTOSIS DURING VITELLOGENESIS IN THE MEALWORM, TENEBRIO MOLITOR L. (COLEOPTERA, TENEBRIONIDAE).

S K Aggarwal

Acta Ent Bohemoslov 65(4):272-275 REF

1968 420 C33

Insect physiology, Pinocytosis, Synthesis, Tenebrio molitor, Yolk sac. Czech summary.

CONTROLLING HOUSEHOLD PESTS.

USD A Home Gard Bull (96):32P

Feb 1969 1 AG84HG

Accident prevention, Chemical control (pests), Household pests, Insects, Pesticide application, Pesticides, Rodents.

3791-69

THE EXCITATION OF INSECT SKELETAL MUSCLES.

D J Aidley

Advances Insect Physiol 4:1-31 REF

1967 420 AD9

Insect physiology, Muscles, Neurology.

3792-69

INSECTS AND MITES OF LIVESTOCK AND IN FARM BUILDINGS.

W C Allan

Ontario Dep Agr Publ 91:16 P.

7 ON8P

Cattle, Chemical control (pests), Dairy cattle, Farm buildings, Goats, Horses, Insects, Livestock, Milk, Mites, Poultry, Sheep, Stables, Swine, Tables (data). Published by Ontario Dept. of Agriculture and Food, parliament buildings, toronto.

THREE SPECIES OF MEXICAN KROMBEINIA HAVING AN ELONGATED TEGULA WITH AN EXTENDED APICAL ANGLE (HYMENOPTERA: TIPHIIDAE).

H W Allen

Entomol Soc Wash Proc 71(1):99-102

Mar 1969 420 W27

Insect anatomy, Krombeinia evansi, Krombeinia nayarita, Krombeinia veracruzae, Tegula, Tiphiidae.

3794-69

REMINISCENCE IN THE COLD FLOUR BEETLE (TENEBRIO MOLITOR).

T M Alloway A Routtenberg Science 158(3804):1066-1067

24 Nov 1967 470 SCI2

Insect physiology, Statistical analysis, Tenebrio molitor.

3795-69

LARVAE OF INJURIOUS BEETLES (COLEOPTERA) IN THE SOILS OF THE ARCHEDA FOREST FARM, VOLGOGARD PROVINCE.

Entomol Rev 46(1,JAN-MAR):81-91 REF

1967 421 R322AE

Coleoptera, Insect ecology, Insect pests, Larvae, Soil insects.

3796-69

MICROTERYS CLAUSENI COMPERE (HYM.: ENCYRTIDAE). (JA)

Anonymous Kontyu 35(4):336 Nov 1968 421 K833 Ceroplastes japonicus, Ceroplastes pseudoceriferus, Coccidae, Encyrtidae, Microterys clauseni, Parasitic insects.

3797-69

A SURVEY OF LEAF-MINERS AND THEIR PARASITES ON LABURNUM.

Roy Entomol Soc London Trans 120(PT 1):37P REF

1968 420 L84

Agromyzidae, Diptera, Insect biology, Insect morphology, Laburnum, Lepidoptera, Lyonetiidae, Ornamental trees, Parasitic insects, Surveys.

ISOLATION AND CHARACTERIZATION OF RIBONUCLEIC ACID FROM MUSCA DOMESTICA (L.).

I Balazs M Agosin

Compar Biochem Physiol 27(1):227-237 REF

Oct 1968 444.8 C73

Extracts, Fractionation, Musca domestica, Nucleotides, Ribonucleic acid, Sucrose, Tissue culture.

3799-69

MORTALITY OF MATURE BEETLES IPS TYPOGRAPHUS (L.) (COL., SCOLYTIDAE) IN THE GALLERIES AND ITS CAUSES. (POL)

S Balazy J Bargielski G Ziolkowski C Czerwinska Pol Pismo Entomol 37(1):201-205

15 Aug 1967 421 P76

Bacteria, Entomogenous fungi, Forest insects, Ips typographicus, Microorganisms, Mortality, Nematodes, Parasitism, Predaceous insects, Protozoa, Scolytidae. English summary.

INSECTS AND PHYSIOLOGY; ESSAYS PRESENTED TO SIR VINCENT WIGGLESWORTH, CBE, MD, FRS ON HIS RETIREMENT FROM THE QUICK CHAIR OF BIOLOGY AND DIRECTORSHIP OF THE UNIT OF IN-SECT PHYSIOLOGY IN THE UNIVERSITY OF CAMBRIDGE.

J W L Beament J E Treherne

American Elsevier Pub. Co., New York 378P REF 1968 QL495.15

Central nervous system, Insect behavior, Insect flight, Insect morphology, Insect physiology, Permeability, Pharmacology, Reproduction, Secretion, Sense organs.

A CONTRIBUTION TO THE BIONOMICS AND MORPHOLOGY OF RHADINOCERAEA REITTERI KNW. WITH A DESCRIPTION OF THE LARVA. (HYM., TENTHREDINIDAE).

Acta Ent Bohemoslov 58(3):221-227 REF 20 Jul 1961 420 C33

Insect ecology, Insect morphology, Larvae, Rhadinoceraea reitteri. Czech summary.

STUDIES ON THE LIFE HISTORY AND BIOLOGICAL CONTROL OF THE SPITTLEBUG, CLASTOPTERA UNDULATA UHLER (CERCOPIDAE: HEMIPTERA).

F D Bennett I W Hughes

Entomophaga 8(1):49-66 REF

1963 421 EN835

Biological control (insects), Carabunia myersi, Cercopidae, Clastoptera undulata, Encyrtidae, In-sect biology, Insect morphology, Parasites. French summary.

PROTECTION OF BEES THROUGH THE USE OF INSECTICIDES, HARMLESS OR ONLY SLIGHTLY DANGEROUS TO BEES. (GE) F Beran

Pflanzenarzt 20(4):38-39 01 Apr 1967 464.9 P482

Acaricides, Arsenic compounds, Bees, Beneficial Chlorinated insects. Carbamates, Carbaryl, hydrocarbons, Dinitrocresol, Insecticide resistant insects. 17 insecticides are listed and their degree of danger to bees is indicated.

THE EFFECT OF ESSENTIAL AMINO ACID DEFICIENCY ON THE SEX-SPECIFIC ACCUMULATION OF A BLOOD PROTEIN IN FEMALE HOUSE-FLIES (MUSCA DOMESTICA

R P Bodnaryk P E Morrison

Compar Biochem Physiol 27(1):365-369

Oct 1968 444.8 C73

Amino acids, Animal nutrition, Blood proteins, Hormones, Insect diets, Musca domestica, Reproduction.

3805-69

JUVENILE HORMONE: ACTIVITY OF ARO-MATIC TERPENOID ETHERS.

W S Bowers

Science 164(3877):323-325

18 Apr 1969 470 SCI2

Biochemistry, Ethers, Hormones, Insect physiology, Oncopeltus fasciatus, Tenebrio molitor, Terpenoids.

STRUCTURE AND DEVELOPMENT OF THE IMAGINAL WING DISCS OF LARVA IN A HOLOMETABOLOUS INSECT, BOMBYX MORI (LEPIDOPTERA, BOMBYCIDAE). (FR) P Cals

Acta Ent Bohemoslov 65(4):269-271

1968 420 C33

Bombyx mori, Insect morphology, Larvae, Metamorphosis, Wings (insects). English and Czech summaries.

VITAMIN A DEFICIENCY: EFFECT ON RETINAL STRUCTURE OF THE MOTH, MAN-DUCA SEXTA.

S D Carlson H R Steeves J S Vandeberg W E Robbins

Science 158(3798):268-270 REF

13 Oct 1967 470 SCI2 Deficiency diseases, Insect histology, Manduca sexta, Retina, Tobacco, Vitamin a.

3808-69

ON THE OCCURRENCE AND SEASONAL DYNAMIC OF DIPTERA, TACHINIDAE IN THE RESERVATION AREA OF JASOV. (CZ.)

J Cepelak Biologia (bratislava) 24(2):158-165

1969 442.8 B5265

Statistical analysis, Tachinidae, Zoogeography. Russian and German abstracts.

PHOTOPERIODISM IN THE HONEY BEE, APIS MELLIFERA L. (HYMENOPTERA, APIDAE).

A V Cherednikov

Entomol Rev 46(1,JAN-MAR):33-37

1967 421 R322AE

Apidae, Apis mellifera, Insect behavior, Insect ecology, Photoperiodism.

USE OF FRESHWATER SPONGE IN CASE CONSTRUCTION OF LIMNEPHILUS SPECIES (TRICHOPTERA: LIMNEPHILIDAE).

M D Clady

Entomol Soc Wash Proc 71(1):98

Mar 1969 420 W27

Insect traps, Limnephilidae, Sponges, Trichoptera.

THE EFFECT OF VARIOUS BIOGENIC AMINES ON THE ACTIVITY OF THE FOREGUT OF THE COCKROACH, BLABERUS GIGANTEUS.

B J Cook J Eraker G R Anderson J Insect Physiol 15(3):445-455 REF

Mar 1969 421 J825

Amines, Blaberus giganteus, Gastrointestinal system, Insect genetics, Insect physiology, Tissue therapy.

3812-69

INFECTION EXPERIMENTS WITH A FUNGUS (COELOMOMYCES) WHICH KILLS MALARIAL MOSQUITOES. (ABSTRACT).

J N Couch C J Umphlett M O P lyengar Science 158(3800):526

27 Oct 1967 470 SC12

Anopheles quadrimaculatus, Biological control (insects), Coelomomyces, Fungi, Greenhouse culture. Abstract of paper presented National Academy of Sciences autumn meeting, Ann Arbor, Mich., 23-25 Oct.,1967.

ON THE DETERMINATION OF AGE STRUCTURE OF THE LARVAE OF TENDIPEDIDAE (DIPTERA).

B Czeczuga E Bobiatynska-Ksok E Niedzwiecki Zool Pol 18(3):317-328 REF 1968 410 Z712

Aquatic insects, Insect morphology, physiology, Larvae, Tendipedidae. Polish and Russian summaries.

TEMPERATURE AND CIRCADIAN CONTROL OF CUTICLE GROWTH ON THE BUG, ON-COPELTUS FASCIATUS.

H Dingle R L Caldwell J B Haskell J Insect Physiol 15(3):373-378 REF Mar 1969 421 J825

Belostomatidae, Cuticle, Diurnal rhythm, Insect physiology, Oncopeltus fasciatus, Temperature.

3815-69

FACTORS AFFECTING THE OXIDATION OF GLYCEROL-1-PHOSPHATE BY INSECT FLIGHT-MUSCLE MITOCHONDRIA.

J F Donnellan R B Beechey J Insect Physiol 15(3):367-372

Mar 1969 421 J825

Calcium, Glycerol, Insect flight, Insect physiology, Mitochondria, Muscles, Oxidation, Phosphates, Strontium.

3816-69

OCCURRENCE SPECIES OF THE TRICHOCLADIUS (CHIRONOMIDAE, TRIFASCIA EDWARDS IN THE DIPTERA) DANUBE. (GE)

E Ertlova

Biologia (bratislava) 24(2):155-157

1969 442.8 B5265

Aquatic insects, Insect ecology, Trichocladius, Zoogeography. Russian and Czech abstracts.

STRUCTURE AND FUNCTION OF THE GIANT FIBRE SYSTEM IN THE COCKROACH, PERIPLANETA AMERICANA.

R D Farley N S Milburn

J Insect Physiol 15(3):457-476 REF

Mar 1969 421 J825

Insect anatomy, Insect physiology, Nerves, Nervous system, Periplaneta americana.

3818-69

STUDIES OF NEOTROPICAL CADDIS FLIES. VIII: THE IMMATURE STAGES OF BARYPENTHUS CLAUDENS (TRICHOPTERA: ODONTOCERIDAE).

O S Flint

Entomol Soc Wash Proc 71(1):24-28

Mar 1969 420 W27

Barypenthus claudens, Insect identification, Neotropical Region, Odontoceridae, Trichoptera.

3819-69

NATURAL ENEMIES OF LASPEYRESIA POMONELLA L. (LEPIDOPTERA, TORTRICIDAE) AND THE EFFECT OF CHEMICAL TREATMENT ON THEIR USEFUL ACTIVITY.

N K Gaprindashvili T N Novitskaya Entomol Rev 46(1,JAN-MAR):39-42 REF 1967 421 R322AE

Biological control (insects), Carpocapsa pomonella, Chemicals, Fruit, Insect behavior, Insect pests, Olethreutidae, Predaceous insects.

3820-69

NEW DATA ON ACCUMULATION OF S35 AND RU106 B' (ODONATA). BY DRAGONFLY **NYMPHS**

A B Getsova G A Volkova Entomol Rev 46(1,JAN-MAR):38

1967 421 R322AE

Aeshna grandis, Aquatic insects, Insect biochemistry, Insect physiology, Odonata, Radioactive tracers, Ruthenium isotopes, Sulfur isotopes.

3821-69

CHANGES IN SOLUBLE PROTEINS DURING FOOT-PAD DEVELOPMENT IN SARCOPHAGA BULLATA.

E Goldberg J Whitten L I Gilbert J Insect Physiol 15(3):409-420 REF Mar 1969 421 J825

Chromosomes, Extremities, morphology, Insect physiology, Proteins, Pupae, Sarcophaga bullata.

3822-69

INVESTIGATIONS ON THE DEVELOPMENT OF AEGYPTIANELLA PULLORUM CARPANO, 1928, IN THE SOFT TICK ARGAS (PERSICAR-GAS) PERSICUS.(OKEN, 1818) BY MEANS OF FLUORESCENT ANTIBODIES. (GE

R Gothe H Becht

Z Parasitenk 31(4):315-325 10 Mar 1969 442.8 Z33F

Aegyptianella, Argas persicus, Development, Fluorescent antibody technic, Host relationships, Insect diseases. English abstract.

3823-69

EUROPEAN SPECIES OF THE GENU MYOSPILA ROND. (DIPT., MUSCIDAE). (GE) F Gregor

Acta Ent Bohemoslov 65(4):299-318 MAP REF 1968 420 C33

Insect ecology, Insect identification, Muscidae, Myospila, Zoogeography. English and Czech summaries.

REMARKS ON FLUCTUATIONS IN DENSITY OF CARABIDAE POPULATIONS.

L Grum

Ekol Pol Ser A (SER A)15(14):11P REF 1967 512 W263

Carabidae, Insect populations, Zoogeography. Polish summary.

3825-69

DESCRIPTION OF THE LARVA OF PARENA (PARENA) PERFORATA (BATES), WITH SOME NOTES ON ITS LIFE HISTORY (CARABIDAE).

A Habu K Sadanaga Kontyu 35(4):391-397 Nov 1967 421 K833

Carabidae, Insect biology, Insect identification, Larvae, Parena perforata, Predaceous insects. English summary.

STUDIES ON THE INCREMENT OF THE EFFICACY OF INSECTICIDES (IX). ON THE SYNERGISTIC ACTION OF PYRETHROSIN WITH PYRETHROID. (JA)

A Hayashi H Aoki T Saito Botyu-kagaku 33(4):130-134

Nov 1968 421 B65

Chemical control (insects), Insecticides, Musca domestica, Pyrethrum, Synergism. English summa-

3827-69

EARLY MORPHOGENESIS OF TUMOURS IN-DUCED BY NOSEMA ACRIDOPHAGUS IN MELANOPLUS SANGUINIPES.

J E Henry

J Insect Physiol 15(3):391-394 REF

Mar 1969 421 J825

Insect physiology, Melanoplus sanguinip Morphology, Neoplasms, Nosema acridophagus.

3828-69

THE FORAGE PLANTS OF RHAGADES PRUNI SCHIFF. (GE)

P Hunziker

Entomol Gesell Basel 14(3,MAY-JUN):75

1964 QL461.E58

Blackberries, Blueberries, Caterpillars, Forage plants, Insect behavior, Insect nutrition, Rosa.

FAUNAL AND ECOLOGICAL STUDY ON THE FAMILIES NYCTERIBIIDAE AND STREBLIDAE (DIPT., PUPIPARA) OF THE NANGAHAR PROVINCE (EASTERN AFGHANISTAN).

K Hurka D Povolny

Acta Ent Bohemoslov 65(4):285-298 MAP REF 1968 420 C33

Diptera, Insect ecology, Nycteribiidae, Streblidae, Zoogeography. Czech summary.

STUDIES ON THE ADULT DIAPAUSE OF THE BROAD BEAN WEEVIL, BRUCHUS RUFIMANUS. (JA)

N Ikeno

Botyu-kagaku 33(4):135-138

Nov 1968 421 B65

Bruchus rufimanus, Food plants, Insect adaptation, Insect morphology, English summary,

PHYSIOLOGICAL AND ULTRASTRUCTURAL STUDY OF THE CORPORA ALLATA OF LOCUSTA MIGRATORIA L. (ORTHOPTERA) IN THE GREGARIOUS PHASE. (FR)

L Joly P Joly A Porte A Girardie Arch Zool Exp Gen 109(4):703-727 REF

30 Dec 1968 410 AR24

Corpora allata, Electron microscopy, Insect physiology, Locusta migratoria, Ultrastructure. English abstract.

3832-69

ON OCULAR REGENERATION IN LITHOBIUS FORFICATUS L. (MYRIOPODA CHILOPODA). (FR)

R Joly C Herbaut

Arch Zool Exp Gen 109(4):591-612 REF 30 Dec 1968 410 AR24

Chilopoda, Eyes, Insect physiology, Nerves, Regeneration. English abstract.

PARATEPHRITIS TRANSITORIA RHOD. (DIPTERA, TEPHRITIDAE), A FLY THAT FORMS GALLS ON TASSEL FLOWERS IN THE MARITIME TERRITORY.

M N Kandybina O V Kovalev V A Rikhter Entomol Rev 46(1,JAN-MAR):63-65 REF 1967 421 R322AE

Flowers, Gall-making insects, Insect biology, Insect ecology, Paratephritis transitoria, Plant galls, Tephritidae.

SOME BIOLOGICAL NOTES ON BOMBUS IG-NITUS SMITH WITH SPECIAL REFERENCE TO THE NEST STRUCTURE (HYM. APIDAE). (JA)

E Katayama

Kontyu 35(4):343-352

Nov 1967 421 K833

Apidae, Bombus ignitus, Insect behavior, Nesting habits, Social insects. English summary.

STUDY ON ATTRACTANT OF THE RICE BORER, CHILO SUPPRESSALIS STEM WALKER. (JA)

T Kawano T Saito K Munakata Botyu-kagaku 33(4):122-130

Nov 1968 421 B65

Attractants, Chemicals, Chilo suppressalis, Crambidae, Food, Food plants, Methylacetophenone, 4'-, Olfactometers, Rice. English summary.

30 compounds related to p-methylacetophenone were tested and many rice varieties

EFFECTS OF LONG-TERM CARDIATECTO-MY-ALLATECTOMY ON MITOCHONDRIAL RESPIRATION IN THE COCKROACH, BLABERUS DISCOIDALIS.

L L Keeley S Friedman

J Insect Physiol 15(3):509-518 REF

Mar 1969 421 J825

Blaberus discoidalis, Corpora allata, Corpora cardiaca, Insect physiology, Insect respiration, Mitochondria.

3837-69

INSECT METABOLISM OF PHOTOALDRIN AND PHOTODIELDRIN.

M A Q Khan J D Rosen D J Sutherland

Science 164(3877):318-319 18 Apr 1969 470 SCI2

Aldrin, Culicidae, Dieldrin, Diptera, Insect metabolism, Insect physiology, Light, Toxicology.

3838-69

REVIEW OF THE PARASITIC DIPTERA OF THE GENUS ERIOTHRIX MEIGEN (DIPTERA, TACHINIDAE) IN THE USSR.

N G Kolomiyets

Entomol Rev 46(1, JAN-MAR):142-151

1967 421 R322AE

Diptera, Eriothrix, Insect behavior, Parasitic insects, Tachinidae, Zoogeography.

3839-69

SIGNIFICANCE OF THE PARASITE APHIDIUS ERVI HALIDAY (BRACONIDAE, HYMENOP-TERA IN CONTROLLING THE DENSITY OF POPULATION OF ACYRTHOSIPHON PISUM HARRIS. (CZ)

J Kralovic V Vallo

Biologia (bratislava) 24(2):148-154

1969 442.8 B5265

Acyrthosiphon pisum, Aphidius, Life cycle. Russian abstract.

LEAF BEETLE LARVAE OF THE SUBFAMILY EUMOLPINAE AND OF SYNETA BETULAE F. (COLEOPTERA, CHRYSOMELIDAE).

G F Kurcheva

Entomol Rev 46(1,JAN-MAR):132-137 REF 1967 421 R322AE

Chrysomelidae, Eumolpinae, Insect biology, Larvae, Leaves, Syneta betulae.

STUDIES ON SEX PHEROMONES OF PYRALIDIDAE. CHANGES IN THE QUALITY OF THE SEX PHEROMONE IN THE FEMALE ALMOND MOTH, CADRA CAUTELLA WALKER (PHYCITINAE). (JA)

Y Kuwahara C Kitamura F Takahashi H Fukami

Botyu-kagaku 33(4):158-162

Nov 1968 421 B65

Biological assay, Cadra cautella, Insect physiology, Pheromones, Phycitidae, Pyralidae, Sex attractants. English summary.

CHANGES IN GONADS AND PRIMARY SEX-UAL CHARACTERS IN TRIPLOID INTER-SEXES OF DROSOPHILA MELANOGASTER (DIPTERA) EXPOSED TO THE EFFECT OF DIFFERENT TEMPERATURES. (FR)

G Lauge

Acta Ent Bohemoslov 65(4):263-268 REF 1968 420 C33

Drosophila melanogaster, Gonads, Insect physiology, Reproductive organs, Temperature. English and Czech summaries.

3843-69

SIZE INDEPENDENT SECRETION BY THE CORPUS ALLATUM OF CALLIPHORA ERYTHROCEPHALA.

A O Lea E Thomsen

J Insect Physiol 15(3):477-482 REF

Mar 1969 421 J825

Brain, Calliphora vicina, Corpora allata, Insect nutrition, Insect physiology, Meat, Secretion, Size, Sugar.

3844-69

PARASITES OF LADYBIRDS (COLEOPTERA, COCCINELLIDAE) PROVINCE. IN LENINGRAD

Y Y Lipa V P Sem'yanov

Entomol Rev 46(1,JAN-MAR):43-45 REF

1967 421 R322AE

Coccinellidae, Fungi, Gregarinida, Hymenoptera, Insect behavior, Microsporidia, Parasitic insects, Parasitism.

3845-69

THE INSECT FAUNA IN THE BURROWS OF THE LONG-CLAWED MOLE-VOLE, A CAUCA-SIAN ENDEMIC SPECIES.

Y A Lyayster

Entomol Rev 46(1,JAN-MAR):111-120 REF

1967 421 R322AE

Coleoptera, Diptera, Habitats, Hymenoptera, Insect ecology, Rodents, Siphonaptera, Zoogeography.

A MITE OF THE GENUS TYDEUS (ACARIFORMES, TYDEIDAE) THAT IS A GRAPE PEST IN MOLDAVIA.

N I Mal'chenkova

Entomol Rev 46(1,JAN-MAR):66-68

1967 421 R322AE

Acarina, Eupodidae, Grapes, Insect behavior, Insect pests, Mites.

3847-69

A DESCRIPTION OF THE DEVELOPMENTAL STAGES OF CTENOPHORA GUTTATA WIED.
AND A REVIEW OF THE CZECHOSLOVAK
SPECIES OF THE GENUS CTENOPHORA
(DIPT., TIPULIDAE). (GE)

J Martinovsky

Acta Ent Bohemoslov 65(4):319-324 REF 1968 420 C33

Ctenophora, Ctenophora guttata, Insect identification, Insect morphology, Larvae, Pupae, Tipulidae. English and Czech summaries.

The 5 species of Ctenophora that have been identified are C. pectinocornis, C. guttata, C. flovealata, C. elegans, and C. festiva.

THE USE OF ATTRACTANTS IN PEST CONTROL. 2. SEX ATTRACTANTS. (GE

K Mayer

Gesunde Pflanzen 20(9):179-180,182,184-189

Sep 1968 464.8 G33

Biological control (insects), Insect physiology, Light traps, Pest control, Pheromones, Sex attractants. Sex attractants for many insects are discussed.

3849-69

FUNDAMENTAL PROPERTIES OF INTENSITY, FORM, AND MOTION PERCEPTION IN THE VISUAL NERVOUS SYSTEMS OF CALLIPHORA, PHAENICIA AND MUSCA DOMESTICA.

G D McCann J C Dill

J Gen Physiol 53(4):385-413 MAP REF

Apr 1969 447.8 J822

Calliphora, Insect physiology, Musca domestica, Nervous system, Phaenicia, Vision.

3850-69

CONTROLLING INSECTS AND OTHER PESTS WITH PHOSPHONOTHIOATES. PATENT 3,428,655.

T M Melton H A Kaufman

Us Patent Office Offic Gaz 859(3):924 18 Feb 1969 156.65 OF2

Chemical control (insects), Chemistry, Insect pests, Insecticides, Organic compounds, Patents, Phosphonothioates, Phosphorus, Sulfur.

3851-69

NEW DATA ON THE BIOLOGY OF CADDIS-FLIES (TRICHOPTERA, LIMNEPHILIDAE, APATANIINAE) OF LAKE BAICAL. I. LIFE SPAN AND MASS FLIGHT OF ADULTS.

T V Menshutkina

Entomol Rev 46(1,JAN-MAR):51-58 REF 1967 421 R322AE

Apatania, Insect biology, Insect flight, Insect physiology, Trichoptera, Zoogeography.

THE BEHAVIOR OF ADULTS OF ABUNDANT SPECIES OF CADDISFLIES (TRICHOPTERA) IN THE TRIBUTARIES OF LAKE SEVAN.

A M Meshkova

Entomol Rev 46(1,JAN-MAR):59-60

1967 421 R322AE

Insect behavior, Insect biology, Trichoptera, Zoogeography.

Families Rhyacophilidae, covered: Philopotamidae, Psychomyidae, Polycentropidae, Hydropsychidae, Leptoceridae, Limnophilidae, and Sericostomatidae.

COMMUNITY STUDIES ON HYMENOPTERA FOUND ON BRASSICA NAPUS L. PART III. BRACONIDAE AND APHIDIIDAE. (POL)

B Miczulski

Pol Pismo Entomol 37(1):167-191 REF

15 Aug 1967 421 P76

Aphididae, Braconidae, Host indexing (plants), Hymenoptera, Insect pests, Insect populations, Parasitic insects, Rape. English summary.

3854-69

FOOD SOURCES OF SOME MOSQUITO SPECIES IN THE NATURAL FOCUS OF TAHYNA VIRUS IN SOUTHERN MORAVIA.

J Minar

Folia Parasitol 16(1):81-92 REF

1969 436.8 C33

Aedes, Anopheles, Culicidae, Food habits, Insect behavior, Insect vectors, Tahyna virus, Virus diseases (animals).

3855-69

A CONTRIBUTION TO THE BIONOMY OF CULEX MODESTUS FIC. (DIPTERA, CULICIDAE) IN SOUTHERN MORAVIA.

J Minar

Folia Parasitol 16(1):93-96

1969 436.8 C33

Culex, Food habits, Insect ecology, Zoogeography.

3856-69

LYSOZYME IN THE HUMORAL DEFENSE MECHANISM OF SPECIFICALLY AND NON-SPECIFICALLY IMMUNIZED INSECT LAR-VAE. (GE)

W Mohrig B Messner

Biol Rundschau 5(4):181-183 REF

1967 442.8 B5272

Bacteria, Bactericides, Immunity, Insect biology, Insect diseases, Insect protective devices, Larvae, Muramidase.

THE TOXIC ACTION OF A MIXTURE OF GAMMA-BHC AND EDB TO CRYPHALUS FUI-VUS NIIJIMA. STUDIES ON THE CONTROLOF FOREST PESTS. V. (JA)

S Nagasawa S Asano S Fushimi

Botyu-kagaku 33(4):153-158

Nov 1968 421 B65

Chemical control (insects), Chlorinated hydrocarbons, Cryphalus fulvus, Ethylene dibromide, For st insects, Insecticides, Lindane, Scolytidae, Toxins. English summary.

THE INFLUENCE OF PHOTOPERIOD AND TEMPERATURE ON THE INDUCTION OF DIAPAUSE IN MULBERRY PYRAIID, GLYPHODES PYLOALIS WALKER. (JA) S Nakamura

Sansi-kenkyu (65):149-156 Oct 1967 425.9 J273S

Insect morphology, Photoperiodism, Pyralidae, Temperature. English summary.

TWO TYPES OF CARBOXYESTERASE DEGRADING MALATHION IN RESISTANT HOUSEFLIES AND THEIR INHIBITION BY SYNERGISTS.

H Ohkawa M Eto Y Oshima F Tanaka K Umeda Botvu-kagaku 33(4):139-145 REF

Nov 1968 421 B65

Carboxylesterase, Degradation, Electrophoresis, Enzymes, Insecticide resistant insects, Malathion, Musca domestica, Organophosphorus compounds, Phosphoric acid esters, Synergists. Japanese summarv.

COMPARATIVE STUDIES OF THE DEVELOP-MENT OF PLASMODIUM CYNOMOLGI BASTIANELLII IN ANOPHELES STEPHENSI AND A. ALBIMANUS. (GE)

Z Tropenmed Parasitol 19(4):370-389 REF Dec 1968 448.8 Z37

Anopheles albimanus, Anopheles stephensi, Insect histology, Insect physiology, Parasitism, Plasmodium. English summary.

3861-69

THE EFFECT OF DIET ON THE PHYSIOLOGY OF THE BROWN-TAIL MOTH, EUPROCTIS CHRYSORRHOEA L. (LEPIDOPTERA, LIPARIDAE).

G A Pantyukhov

Eittomol Rev 46(1,JAN-MAR):21-26 REF

1967 421 R322AE

Diet, Food plants, Insect nutrition, Insect physiology, Lymantriidae, Nygmia phaeorrhoea.

STUDY OF THE MORPHOGENESIS OF THE MAXILLARY STYLET OF RHODNIUS PROLIXUS BY TRANSPLANTATIONS OF INCOMPLETE STYLOGENETIC ORGANS. (FR) J M Pinet

Arch Zool Exp Gen 109(4):613-641

30 Dec 1968 410 AR24

Insect morphology, Mouth parts, Rhodnius prolixus, Tissue transplants. English abstract.

SPECIFICITY OF POPULATION-AGGREGATING PHEROMONES IN DENDROCTONUS.

G B Pitman J P Vite G W Kinzer A F Fentiman J Insect Physiol 15(3):363-366 REF

Mar 1969 421 J825

Chemoreceptors, Dendroctonus, Insect physiology, Insect populations, Olfactory responses, Pheromones.

INNERVATION OF THE GUT OF THE MIGRATORY LOCUST, LOCUSTA MIGRATORIA L. (ORTHOPTERA, ACRIDIDAE).

S 1 Plotnikova

Entomol Rev 46(1,JAN-MAR):69-71 REF 1967 421 R322AE

Acrididae, Histology, Insect physiology, Intestines, Locusta migratoria, Nervous system.

RECORD OF THE MOTH EAR MITE, DICROCHELES PHALAENODECTES, IN OHIO (ACARINA: MESOSTIGMATA).

V Prasad

Entomol Soc Wash Proc 71(1):7-9

Mar 1969 420 W27

Dicrocheles phalaenodectes, Insect anatomy, Insect identification, Mesostigmata, Pseudaletia unipuncta.

EFFECTS OF APHOLATE ON THE BIONOMICS OF MUSCA DOMESTICA NEBU-LO FABR.

O P Raghuwanshi I Ahmad N H Khan

Botyu-kagaku 33(4):119-122

Nov 1968 421 B65

Apholate, Biological control (insects), Chemical control (insects), Chemosterilants, Insect ecology, Musca domestica. Japanese summary.

CHANGES IN INSECTICIDE SENSITIVITY IN THE BEAN WEEVIL ACANTHOSCELIDES OBTECTUS SAY, BROUGHT ABOUT BY INDUCED PIGMENT FORMATION. (GE)

W Reichmuth

Gesunde Pflanzen 19(10):208-212

Oct 1967 464.8 G33

Acanthoscelides obtectus, Beans, Chlorinated hydrocarbons, Copper sulfate, DDT, Fertilizers, Insecticide resistant insects, Magnesium sulfate, Molybdenum, Pigments (insect), Potassium, Zinc

IS IT POSSIBLE TO PREDICT APPLE MOTH INFESTATIONS . (GE)

K Russ

Pflanzenarzt 20(4):35-36

01 Apr 1967 464.9 P482

Apples, Carpocapsa pomonella, Insect outbreak forecasting, Tables (data).

DISTRIBUTION OF SEED BEETLES (COLEOP-TERA, BRUCHIDAE) IN THE FOREST-STEPPE ZONE OF THE EASTERN UKRAINE.

A P Rybalko

Entomol Rev 46(1,JAN-MAR):92-96

1967 421 R322AE

Bruchidae, Forest insects, Insect ecology, Zoogeography.

3870-69

SALT AND WATER TRANSPORT BY THE IN VITRO COCKROACH MIDGUT.

J R Sauer R Schlenz-true R R Mills J Insect Physiol 15(3):483-493 REF

Mar 1969 421 J825

Biological transport, Gastrointestinal system, Insect physiology, Periplaneta americana, Sodium chloride, Water.

CHANGES IN THE COMPOSITION OF LIPIDS AND FATTY ACIDS IN ADULT CULEX TARSALIS AND ANOPHELES FREEBORNI DURING THE OVERWINTERING PERIOD.

C H Schaefer R K Washino

J Insect Physiol 15(3):395-402 REF

Mar 1969 421 J825

Anopheles freeborni, Culex tarsalis, Fatty acids, Hibernation, Insect biochemistry, Insect physiology, Lipids.

3872-69

CONTROL SYSTEMS IN INSECT DEVELOP-MENT. (ABSTRACT).

H A Schneiderman E Gateff

Science 158(3800):534-535

27 Oct 1967 470 SC12

Cells, Insect genetics, Insect histology, Insect morphology, Synthesis. Abstract of paper presented at National Academy of Sciences autumn meeting, Ann Arbor, Mich., 23-25 Oct., 1967.

3873-69

BEMBECIA PECTINATA STGR. AND ITS FIRST STAGES. (LEPIDOPTERA, SESIIDAE).

R Schwarz V Tolman

Acta Ent Bohemoslov 58(3):284-287

20 Jul 1961 420 C33

Bembecia pectinata, Insect morphology, Lepidoptera, Sesiidae. Czech summary.

BITING MIDGES OF THE GENUS CULI-COIDES MG. (DIPTERA, CERATOPOGONIDAE) FROM THE VALLEY OF THE MIDDLE REACHES OF THE DESNA. A K Shevchenko

Entomol Rev 46(1,JAN-MAR):97-106 REF 1967 421 R322AE

Ceratopogonidae, Culicoides, Insect behavior.

SO 13-09
EFFECT OF GAMMA-IRRADIATION OF LATE EMBRYO ON THE GROWTH OF SILKGLANDS AND ON SILK PRODUCTION IN THE SILKWORM, BOMBYX MORI. (JA)

H Shigematsu H Takeshita

J Sericult Sci Jap 37(2):88-94 REF Apr 1968 425.9 SE6

Bombyx mori, Cobalt isotopes, Dosage, Embryos, Gamma rays, Insect physiology, Irradiation. English summary.

NOTES ON THE PARASITES OF THE ROOT APHIDS (HYMENOPTERA, APHIDIDAE).

P Stary

Acta Ent Bohemoslov 58(3):228-238 REF

20 Jul 1961 420 C33

Aphididae, Braconidae, Homoptera, Hymenoptera, Insect identification, Insect taxonomy, Parasitic insects, Roots. Czech summary.

THE HYPERGLYCAEMIC ACTIVITY OF THE CORPUS ALLATUM IN AN INSECT.

J Insect Physiol 15(3):421-423

Mar 1969 421 J825

Brain, Chromatography, Corpora allata, Hyperglycemia, Insect physiology, Periplaneta amer-

3878-69

PHYLOGENETIC RELATIONSHIPS WITHIN THE RHOPALOCERA ON THE BASIS OF THE FUNCTIONAL MORPHOLOGY OF THE GENITAL APPARATUS.

A A Stekol'nikov

Entomol Rev 46(1,JAN-MAR):1-11 REF

1967 421 R322AE

Insect morphology, Insect physiology, Reproductive organs, Rhopalocera.

3879-69

MEXICAN FRUIT CONTAINMENT.

Sunkist Pest Contr Circ (372):1

Nov 1968 423.9 C12E

Chemical control (insects), Insect traps, Irradiation, Quarantine, Spraying, Sterility, Tephritidae.

STUDIES ON SEX PHEROMONES OF PYRALIDIDAE. II. MASS REARING OF VIRGIN FEMALES OF THE ALMOND MOTH, CADRA CAUTELLA WALKER (PHYCITINAE).

F Takahashi C Kitamura Y Kuwahara H Fukami Botyu-kagaku 33(4):163-168

Nov 1968 421 B65

Cadra cautella, Insect rearing, Pheromones, Phycitidae, Pyralidae, Sex attractants, Temperature. English summary

3881-69

ORIGIN OF OXALIC ACID IN CA OXALATE CRYSTALS IN THE MALPIGHIAN TUBES OF THE TENT CATERPILLAR, MALACOSOMA NEUSTRIA TESTACEA.

S Y Takahashi G Suzuki E Ohnishi J Insect Physiol 15(3):403-407

Mar 1969 421 J825

Calcium oxalate, Insect biochemistry, Larvae, Lasiocampidae, Malacosoma neustria, Malpighian tubes, Oxalic acid, Radioactivity.

EFFECT OF REARING CONDITION ON GROWTH AND DEVELOPMENT OF THE SILKWORM, BOMBYX MORI L., ON ARTIFICIAL DIET. II. (JA)

K Takamiya

Sansi-kenkyu (65):66-73

Oct 1967 425.9 J273S

Bombyx mori, Insect morphology, Insect physiology, Insect rearing, Temperature. English summary.

REPORT OF THE ANTI-LOCUST RESEARCH

T H C Taylor D T Haskell

Her Majesty's Stationery Office, London, England (PT 1/2):50P REF

1965 SB945.L7A53

Acrididae, Agricultural research, Reports.

3884-69

ON THE EFFECT OF COMBINED ACTION OF PATHOGENIC MICROORGANISMS AND INSECTICIDES UPON INSECTS. (RUS)

N A Telenga

Zhur Obshch Biol 29(5,SEP/OCT):501-514 REF 1968 442.8 Z6

Fertility, Insect pests, Insect populations, Insecticides, Integrated control (insects), Microorganisms, Mortality. English summary.

LARVAL FEEDING HABITS OF CERTAIN CHLOROPIDAE (DIPTERA).

K Valley T Wearsch B A Foote Entomol Soc Wash Proc 71(1):29-34

Mar 1969 420 W27

Chloropidae, Diptera, Feeding, Fungi, Insect behavior, Insect nutrition, Larvae.

THE EFFECT OF THE AMOUNT OF BLOOD TAKEN AND ADDITIONAL CARBOHYDRATE NUTRITION ON OOGENESIS IN FEMALES OF BLOOD-SUCKING MOSQUITOES OF THE GENUS AEDES (DIPTERA, CULICIDAE) OF VARIOUS WEIGHTS AND AGES.

N V Volozina

Entomol Rev 46(1,JAN-MAR):27-32 REF 1967 421 R322AE

Aedes, Aging, Blood, Carbohydrates, Culicidae, Insect nutrition.

AN ELECTRON MICROSCOPE STUDY OF THORACIC MITOCHONDRIAC MEMBRANES IN DEVELOPING ADULTS OF THE BLOWFLY LUCILIA CUPRINA.

A C Walker L M Birt

J Insect Physiol 15(3):519-527 REF

Mar 1969 421 J825

Electron microscopy, Insect morphology, Insect physiology, Lucilia cuprina, Mitochondria, Thorax.

MATING AND OVIPOSITION BEHAVIOR OF THE COFFEE LEAF MINER, LEUCOPTERA COFFEELLA (LEPIDOPTERA: LYONETIIDAE).

D W Walker V Quintana

Entomol Soc Wash Proc 71(1):88-90

Mar 1969 420 W27

Breeding, Coffee, Insect behavior, Leucoptera coffeella, Lyonetiidae, Oviposition, Reproduction.

HONEYBEES: DO THEY USE DIRECTION AND DISTANCE INFORMATION PROVIDED BY THEIR DANCERS.

A M Wenner D L Johnson

Science 158(3804):1072-1077 REF

24 Nov 1967 470 SCI2

Apis mellifera, Insect behavior, Insect physiology, Insect protective devices, Social insects.

PHAGOCYTIC HAEMOCYTES IN UNFIXED GALLERIA MELLONELLA LARVAE.

R A Werner J C Jones

J Insect Physiol 15(3):425-437 REF

Mar 1969 421 J825

Blood cells, Galleria mellonella, Insect physiology, Larvae, Phagocytes.

PROBLEM INSECTS IN 1967 - HOW TO CONTROL THEM IN 1968.

P H Wooley

Mich State Hort Soc Annu Rep 96-100 1968 81 M58

Aphididae, Chemical control (insects), Cicadellidae, Coleoptera, Insect pests, Insecticide application, Insecticides, Moths, Noctuidae, Panonychus

3892-69

INCORPORATION OF PALMITATE-1-C14 INTO LIPIDS OF THE BLOWFLY DURING FLIGHT.

W J Yurkiewicz C F Mathur J Insect Physiol 15(3):439-444 REF

Mar 1969 42I J825

Carbohydrates, Carbon isotopes, Insect biochemistry, Insect flight, Insect physiology, Lipids, Palmitic acid compounds, Phaenicia sericata, Radioactive tracers.

GENETICS

3893-69

CHROMOSOMES OF SYRPHIDAE. IV. KARYOTYPES OF FOURTEEN SPECIES IN THE TRIBE CHRYSOTOXINI.

J W Boyes J M van Brink R D Mehta

Chromosoma 24(2):233-242

04 Jun 1968 442.8 C46

Chromosomes, Insect genetics, Syrphidae.

MEIOSIS IN THE MALE OF PUTO ALBICANS (COCCOIDEA-HOMOPTERA).

S W Brown C Cleveland

Chromosoma 24(2):210-232 REF

04 Jun 1968 442.8 C46

Cytogenetics, Insect evolution, Insect genetics, Meiosis, Puto.

LIPIDS OF DROSOPHILA: A NEWLY DETECTED LIPID IN THE MALE.

F M Butterworth

Science 163(3873):1356-1357

21 Mar 1969 470 SCI2

Chromatography, Drosophila melanogaster, Insect biology, Insect genetics, Lipids.

3896-69

THE NON-RANDOM CHROMOSOME SEGREGATION IN SPERMATOCYTES OF GRYLLOTALPA HEXADACTYLA. A MICROMANIPULATION ANALYSIS.

R Camenzind R B Nicklas

Chromosoma 24(3):324-335 REF

13 Aug 1968 442.8 C46

Gryllotalpa hexadactyla, Insect genetics, Meiosis, Spermatocytes.

3897-69

THE INFLUENCE OF THE GENOTYPE ON THE FREQUENCY OF RADIATION-INDUCED ANEUPLOIDY IN THE OOGENESIS OF DROSOPHILA MELANOGASTER. (RUS)

N W Glotoff

Genetika 4(4):60-64

1968 OH431.A1G4

Drosophila melanogaster, Insect genetics, Oogenesis, Polyploidy, Radiation. English summary.

HEREDITARY NATURE OF THE TWO FORMS OF ARGYROGRAMMA (BREMER AND GREY) PLUSIINAE). ALBOSTRIATA (NOCTUIDAE,

T Ichinose H Takahashi Y Ishino Kontyu 35(4):329-336 REF

Nov 1967 421 K833

Argyrogramma albostriata, Heredity, Insect genetics, Insect morphology, Insect rearing, Noctuidae, Polymorphism, Wings (insects).

3899-69

SALIVARY GLAND CHROMOSOME VARIA-TION IN THE DROSOPHILA AFFINIS SUB-GROUP. II. COMPARISON OF C-CHROMOSOME PATTERNS IN ATHABASCA AND FIVE RELATED SPECIES. D D Miller W G Sanger

J Hered 59(6,NOV-DEC:)323-327 REF

Dec 1968 442.8 AM3

Chromosomes, Cytogenetics, Drosophila, Insect evolution, Insect genetics, Salivary glands.

CHROMOSOMES OF THE CEREAL LEAF BEE-TLE.

T Ninan D H Smith S G Wellso

J Hered 59(6,NOV-DEC):361-362 REF

Dec 1968 442.8 AM3

Chromosomes, Cytogenetics, Insect genetics, Meiosis, Oulema melanopus.

ENDOMITOSIS IN THE MEALY BUG, PLANOCOCCUS CITRI (HOMOPTERA: COC-COIDEA).

U Nur

Chromosoma 24(2):202-209

04 Jun 1968 442.8 C46

Chromosomes, Cytogenetics, Insect genetics, Mitosis, Planococcus citri

The sequence of stages of endomitosis in the Malpighian tubules of the mealy bug, Planococcus citri, are compared to other hemipteran insects.

3902-69

MUTATION RATES AND MORTALITIES AFTER X-IRRADIATION OF THE EARLY DEVELOPMENT STAGES OF DROSOPHILA MELANOGASTER. (GE)

U B Petermann

Mutation Res 5(3,MAY-JUN):397-410 REF 1968 443.8 M98

Chromosomes, Drosophila melanogaster, Insect genetics, Insect mutation, Irradiation. English summary.

3903-69

AN AUTOSOMAL RECESSIVE GENE IN PYRR-HOCORIS.

T M Rizki K Slama

J Hered 59(6,NOV-DEC):327-328

Dec 1968 442.8 AM3

Insect genetics, Insect mutation, Pyrrhocoris apterus.

NOTES ON THE CHROMOSOMES OF TWO SPECIES OF COCKROACHES. (JA

K Saitoh M Saitoh

Kontyu 35(4):337-342 REF

Nov 1967 421 K833

Blattella germanica, Blattidae, Chromosomes, Insect genetics, Periplaneta americana. English summary.

3905-69

GENETICS OF ORGANOPHOSPHATE RE-SISTANCE IN THE TWO-SPOTTED SPIDER MITE (TETRANYCHUS URTICAE KOCH). G G M Schulten

Ainsterdam Inst Trop Mededel (57):57P REF 1968 503 AM82

Insect genetics, Insecticide resistant insects, Organophosphorus compounds, Tetranychus urticae.

RELATIVE VIABILITY OF HETEROZYGOTES AND HOMOZYGOTES WITH RESPECT TO THE IRRADIATED CHROMOSOME IN DROSOPHILA MELANOGASTER. (RUS)

B V Shilenko Genetika 4(4):65-77 REF

1968 QH431.A1G4

Chromosomes, Drosophila melanogaster, Insect genetics, Irradiation. English summary.

HETEROGENEITY IN THE TRINIDAD DDT-RESISTANT STRAIN AND THE QS SUSCEPTI-BLE STRAIN OF AEDES AEGYPTI L. THE ISOLATION OF HIGHLY RESISTANT AND HIGHLY SUSCEPTIBLE SUBSTRAINS. R J Wood

World Health Organ Bull 39(4):639-645 REF 1968 449.9 W892B

BIBLIOGRAPHY

3908-69

Aedes aegypti, DDT, Insect genetics, Insecticide resistant insects. French summary.

MEDICAL ENTOMOLOGY

3908-69

COMPARATIVE STUDIES OF AMERICAN AND AFRICAN TRYPANOSOMIASIS.

World Health Organ Tech Rep Ser (411):40P 1969 449.9 W892T

Drug therapy, Epidemiology, Human diseases, Im-Methodology, munization, Insect ve Parasites, Trypanosomiasis. vectors,

CROP PROTECTION

3909-69

HOW TO PREVENT SUN AND HEAT DAMAGE TO DESERT-GROWN TOMATOES.

Anonymous

Amer Veg Grower 17(4):58-59 Apr 1969 80 C733

Dosage, Plant hardiness, Plant injuries, Spraying, Tomatoes.

ELECTRON MICROSCOPE EXAMINATION OF ULTRA-THIN SECTIONS OF STREPTOMYCES VIRIDOCHROMOGENES FOR HYPHAL ANASTOMOSES.

E Baldacci P Heiniger

Milan Univ Inst Patol Veg Pubbl Raccolta (325):141-152 REF

1967 464.9 M582 Anastomosis, Culture media, Electron microscopy, Fungi, Plant genetics, Plant physiology, Streptomyces viridochromogenes. Italian summary.

Reprint from: Giornale di Microbiologia 14:141-152 1966.

3911-69

PLANT PROTECTION IN THE HEART OF EUROPE. AUSTRIAS CONTRIBUTION TO THE INTERNATIONAL FIGHT AGAINST PLANT PESTS AND DISEASES AND, THROUGH THIS, TO THE IMPROVEMENT OF THE FOOD SITUATION. (GE)

F Beran

Pflanzenarzt 20(9):97-99

01 Sep 1967 464.9 P482

Crops, Fungi, Insect pests, Plant diseases, Plant pest control, Plant protection, Weeds.

CROP ROTATION HYGIENE IN GRAIN CUL-TURES. (GE)

H Bockmann

Gesunde Pflanzen 19(10):201-206

Oct 1967 464.8 G33

Crop rotation, Grain, Insect pests, Plant disease resistance, Plant nematodes, Plant protection.

3913-69

CURRENT STATUS ON CHEMICAL THINNING OF PEACHES AND PEARS IN MICHIGAN.

M J Bukovac J E Gilmore

Mich State Hort Soc Annu Rep 87-91

1968 81 M58

1968 81 MJo
Chlorophenoxy-alpha-propionamide,
acid, Chlorophenoxy-alpha-propionic acid, 3-, Naphthylacetamide, Peaches, Pears, Spraying, Thinning (fruit).

3914-69

THE TRAINING COURSE OF THE EUROPEAN PLANT PROTECTION ORGANIZATION IN ENGLAND. (GE)

P Burmeister

Gesunde Pflanzen 20(12):267-271

Dec 1968 464.8 G33

Bacterial diseases (plants), Erwinia amylovora, Fire blight, Fruit, International cooperation, Plant protection, Symptomatology, Virus diseases protection, Symptomatology, (plants).

3915-69

PLANT PROTECTION ANNUAL REPORT 1967. (**GE**)

G Glaeser

Pflanzenarzt 21(3):32-33

01 Mar 1968 464.9 P482

Plant pest control, Plant protection, Reports.

3916-69

INSECT CONTROL FOR GARDEN VEGETA-BLES.

H W Goble

Ontario Dep Agr Publ 356:6 P.

7 ON8P

Accident prevention, Aphididae, Biochemistry, Carbaryl, Chemical control (pests), Ddt, Diazinon, Dusting, Elateridae, Gardens, Insect pests, Malathion, Methoxychlor, Nicotine, Noctuidae, Rotenone, Slugs, Spraying, Tables (data), Vegetables. Published by Dept. of Agriculture and Food, accliment buildings according to the control of the parliament buildings, toronto

3917-69

THIS MAY BE THE YEAR FOR SPRAY THIN-NING.

M B Hoffman

Amer Fruit Grower 89(3):18,20

Mar 1969 80 G85W

Apples, Peaches, Pears, Spraying, Thinning (fruit), Thinning sprays.

THE PLANT PROTECTION IMPORT CONTROLS IN BAVARIA. (GE)

Gesunde Pflanzen 20(12):262-265 MAP Dec 1968 464.8 G33

Import control, Insect pests, Plant disease control, Plant nematodes, Plant protection, Plant quaran-

3919-69

MICROBES AND CHEMICALS AGAINST PLANT PESTS. (RUS)

N A Krasienikov

Sel'skokhozyast Biol 2(6):857-865 REF

1967 S13.S44

Antibiotics, Biological control (pests), Chemical control (pests), Insect pests, Plant diseases. English summary.

MORPHOLOGICAL VARIATION IN THE SU-GARCANE SMUT, USTILAGO SCITAMINEA

A K Lambat V V Chenulu B L Chona Mycopathol Mycol Appl 36(314):300-304 1968 450 M994

Fungi, Isolates, Plant morphology, Smut, Sugar-

3921-69

ELECTRIFYING AGRICULTURE AND HOR-TICULTURE.

S Laverton

New Scientist 38(594):182-183

25 Apr 1968 472 N42

Animal physiology, Crop yields, Light, Plant physiology, Temperature.

3922-69

STRETCH YOUR PEST CONTROL DOLLARS.

F H Lewis

Amer Fruit Grower 89(3):21,40,42

Mar 1969 80 G85W

Costs, Insect pests, Pest control, Plant diseases, Plant protection, Spraying, Spraying equipment.

SUPPLEMENT TO THE PLANT PROTECTION BULLETIN. (FR)

G Meylan

Rev Horticole Suisse 41(7):174-175

Jul 1968 80 R3212

Anthracnose, Apples, Beans, Carpocapsa pomonella, Fungus diseases (plants), Glomerella lindemuthianum, Insect pests, Pears, Ring spot, Venturia pirina.

THE PRESENT STATE OF RESEARCH AND OF THE CONTROL OF RICE PESTS. (GE)

B Ohnesorge

Berlin Biol Bundesanst Land-forstwirtsch Mitt (129):71P REF

Aug 1968 410.9 G31M

Biological control (insects), Bird pests, Chemical control (pests), Insect outbreak forecasting, Insect pests, Plant diseases, Plant nematodes, Plant pest control, Research, Rice, Rodents.

3925-69

SOIL FUMIGATION AT BOSKOOP. (DU)

H Rattink

Neth Dir Tuinbouw Mededel 31(617,JUN-JUL):269-273

1968 86 N384

Dichloropropane dichloropropene mixture, Dosage, Methyl bromide, Methyl isothiocyanate, Plants, Soil fumigation, Soil microorganisms. English summary.

3926-69

THE IMPORTANCE OF APPLIED ENTOMOLOGY FOR AUSTRIAN PLANT PROTECTION. (GE)

K Russ

Pflanzenarzt 20(9):100-102

01 Sep 1967 464.9 P482

Chemical control (plant diseases), Entomology, History, Insect outbreak forecasting, Legislation, Nematology, Plant pest control, Plant protection, Virus diseases (plants).

3927-69

ON THE VALUE OF OUR BIRDS. (GE)

H Schonbeck

Pflanzenarzt 20(2):10-11

01 Feb 1967 464.9 P482 Animal nutrition, Beneficial birds, Bird pests, Insect pests, Natural control (insects), Rodents.

3928-69

THE EFFECT OF TEMPERATURE ON ASCO-SPORE RELEASE BY SCLERODERRIS LAGER-BERGII.

D D Skilling

Plant Dis Rep 53(4):289-291

Apr 1969 1.9 P69P

Environment, Fungi dissemination, Scleroderris lagerbergii, Spores, Temperature.

NEW WAYS FOR ORGANIZING THE COOPERATION BETWEEN PLANT PROTECTION SERVICES AND APICULTURISTS. (GE)

W Springensguth Gesunde Pflanzen 20(9):190-192

Sep 1968 464.8 G33

Apiculture, Beneficial insects, Legislation, Plant protection.

3930-69 PLANT PROTECTION. BULLETIN OF THE PLANT DISEASE CONTROL STATION OF GENEVA. FEBRUARY. (FR)

Rev Horticole Suisse 41(2):52-53

Feb 1968 80 R3212 Chemical control (plant diseases), Crops, Fruit culture, Fungus diseases (plants), Insect pests, Ornamental plants, Plant disease control.

PLANT PROTECTION. BULLETIN OF THE PLANT DISEASE CONTROL STATION OF GENEVA. AUGUST. (FR)

Rev Horticole Suisse 41(8):206-207

Aug 1968 80 R3212

Chemical control (plant diseases), Crops, Fruit culture, Fungus diseases (plants), Insect pests, Ornamental plants, Plant disease control.

3932-69

PLANT PROTECTION. BULLETIN OF THE PLANT DISEASE CONTROL STATION OF GENEVA. SEPTEMBER. (FR)

Rev Horticole Suisse 41(9):230-232 Sep 1968 80 R3212

Chemical control (plant diseases), Crops, Fruit culture, Fungus diseases (plants), Insect pests, Ornamental plants, Plant disease control.

DISEASES

3933-69

ARE FERTILIZER PROGRAMS RELATED TO FIREBLIGHT AND FRUIT DISORDERS AT

Mich State Hort Soc Annu Rep 108-113

1968 81 M58

Bacterial diseases (plants), Calcium, Fertilizers, Fire blight, Fruit, Harvesting, Nitrogen, Phosphorus, Plant disease resistance, Plant nutri-Nitrogen, tion, Potassium. Other elements used were magnesium, manganese, iron, boron, copper and zinc.

3934-69

PSEUDOMONAS SYRINGAE INFECTION OF SWEET CHERRY FRUIT IN UTAH.

J L Anderson B N Wadley J P Schaelling Plant Dis Rep 53(4):301-303

Apr 1969 1.9 P69P

Blight, Canker, Epidemiology, Fungus diseases (plants), Mazzard cherries, Pseudomonas syringae, Weather.

3935-69

REACTION OF TOMATO **VARIETIES** AGAINST ALTERNARIA CLADOSPORIUM FULVUM. SOLANI AND

KS Aulakh RK Grover Plant Dis Rep 53(5):399

May 1969 1.9 P69P

Alternaria solani, Cladosporium fulvum, Crop varieties, Fungus diseases (plants), India, Plant disease resistance, Tomatoes.

A NEW LEAF SPOT OF PARA RUBBER (HEVEA BRASILIENSIS) IN NIGERIA.

V A Awoderu

Plant Dis Rep 53(5):406-408

May 1969 1.9 P69P

Corynespora cassiicola, Fungus diseases (plants), Hevea brasiliensis, Leaf spot, Rubber.

VIRUS DISEASES AND THE SELECTION OF GRAPES. (IT)

E Baldacci G Belli E Refati

Milan Univ Inst Patol Veg Pubbl Raccolta (312):G1P

1967 464.9 M582

Chemical control (nematodes), Grapes, Plant breeding, Plant disease control, Plant disease transmission, Plant nematodes, Virus diseases (plants).

No. 42 in series Edagricole Universale, Edizioni Agricole, Bologna, Italy.

3938-69

NOTES ON THE INTERNATIONAL MEETING ON VIRUS AND VIRUS DISEASES OF GRAPES, HELD AT BERNKASTEL (WEST GERMANY) IN SEPTEMBER 1967. (IT)

E Baldacci G Belli

Milan Univ Inst Patol Veg Pubbl Raccolta (313):239-249

1967 464.9 M582

Grape vineyards, Insect vectors, Symptomatology, Virology, Virus diseases (plants). English summa-

Reprint from: Rivista di Patologia Vegetale ser. IV 3(4,Oct-Dec) 1967.

THE CAUSES OF DISEASE IN PLANT PATHOLOGY. (IT)

E Baldacci

Milan Univ Inst Patol Veg Pubbl Raccolta (308):94-98

1967 464.9 M582

Plant diseases, Plant genetics, Vegetables. English, German, Spanish and French summaries.

Reprint from: Studi in onore di Ugo Pratolongo . Vol. XI della rivista Agrochimica, 1967.

THE PLANT DISEASE OBSERVATORY OF MILAN. (IT)

E Baldacci M Martelli

Milan Univ Inst Patol Veg Pubbl Raccolta (310):3-7 MAP REF

1967 464.9 M582

Agricultural research, Crops, Plant diseases, Plant protection, Reports. Reprint from. Agricoltura (8), August 1967, Rome, Italy.

STEM AND ROOT DISEASES OF BEANS.

B Ballantyne

Agr Gaz New S Wales 79(8):463-468

Aug 1968 23 N472

Beans, Chemical control (plant diseases), Cultural control (plant diseases), Fungus diseases (plants), Fusarium solani phaseoli, Rhizoctonia, Sclerotinia sclerotiorum, Sclerotium rolfsii.

The symptoms of several rot diseases that affect the stems and roots of beans are specifically diagnosed. Because different causal organisms require different control measures the importance of accurate identification of the disease is stressed.

3942-69

INVESTIGATIONS ON HYDRANGEA RING SPOT VIRUS AND PROOF OF ITS PRESENCE IN ITALY. (IT)

G Belli G Giussani-Belli

Milan Univ Inst Patol Veg Pubbl Raccolta (315):3-16 REF

1967 464.9 M582

Electron microscopy, Hydrangea, Ring spot, Symptomatology, Virology, Virus diseases (plants). En-

Reprint from: Rivista di Patologia Vegetale ser. IV 3(3,Jul-Sep):3-16 1967.

PROBLEMS AROUND THE INCIDENCE AND CONTROL OF FUSARIUM OXYSPORUM IN TULIPS. (DU)

B H H Bergman

Neth Dir Tuinbouw Mededel 31(617,JUN-JUL):274-277

1968 86 N384

Epidemiology, Fungus diseases (plants), Fusarium oxysporum, Plant disease control, Plant extracts. English summary.

FREEZING AND THAWING OF PURIFIED SUSPENSIONS OF THE TOBACCO MOSAIC VIRUS AND ITS EFFECT ON INFECTIVITY.

E Betto Conti G Vegetti Milan Univ Inst Patol Veg Pubbl Raccolta

(318):309-321 REF

1967 464.9 M582

Electron microscopy, Mosaic, Temperature, Tobacco, Virology, Virus diseases (plants). English

Reprint from: Rivista di Patologia Vegetale ser. IV 3(4,Oct-Dec):309-321 1967.

3945-69

PHOMA EXIGUA DESM. AND ITS VARIETIES.

G H Boerema L H Howeler Persoonia 5(PT 1):15-28 REF

1967 OK600.P4

Diagnosis, Fungus cultures, Fungus diseases (plants), Phoma exigua, Taxonomy.

3 more specialized pathogenic varieties of this species are distinguished: var. linicola on flax, var. foveata on potato, and var. sambuci-nigrae on elder.

3946-69

RESISTANCE OF **DWARF-INTERNODE** CASTOR (RICINUS COMMUNIS) TO VERTICILLIUM WILT.

R D Brigham E B Minton

Plant Dis Rep 53(4):262-266

Apr 1969 1.9 P69P

Castorbeans, Cotton, Fungus diseases (plants), Plant disease resistance, Verticillium albo-atrum, Wilt.

3947-69

DUTCH ELM DISEASE DETECTED IN ALABAMA.

H D Brown D R Kucera P H Preacher

Plant Dis Rep 53(4):307

Apr 1969 1.9 P69P

Ceratocystis ulmi, Dieback, Epidemiology, Fungus diseases (plants), Symptomatology, Ulmus alata.

THE PRESENT STATE OF GRAPE CULTURE VIRUS RESEARCH. (GE)

H Bruckbauer

Weinberg Keller 15(8):413-434 REF

Aug 1968 95.8 W435

Grapes, Insect vectors, Plant disease control, Plant disease transmission, Plant nematodes, Research, Virology, Virus diseases (plants).

PLANT PATHOLOGY FIELD DAY.

W J Byford

Bull British Mycol Soc 2(1):51-52

Mar 1968 QK600.B7

Beans, Crop varieties, Fungus diseases (plarts), Halo blight, Plant disease resistance, Virus diseases (plants).

3950-69

DISCOVERY AND DISTRIBUTION OF FUSICOCCUM CANKER OF RUSSIAN OLIVE IN ILLINOIS.

J C Carter F O Dodd Plant Dis Rep 53(5):392

May 1969 1.9 P69P

Canker, Fungus diseases (plants), Fusicoccum elaeagni, Olives.

3951-69

VIRUS DISEASES SURVEY ON CITRUS IN THE BLACK SEA REGION. (TU

A Cengiz N Tekinel M S Dolar S Sagsoz O Hancioglu

Bitki Koruma Bulteni 8(3):172-180

1968 464.8 B542

Citrus, Symptomatology, Virus diseases (plants). English summary.

SURVEY, SCREENING, AND BREEDING FOR BACTERIAL BLIGHT RESISTANCE IN COT-

C F Chew J T Presley G Staten Plant Dis Rep 53(5):390-391

May 1969 1.9 P69P

Bacterial blight, Bacterial diseases (plants), Cotton, Epidemiology, Plant breeding, Plant disease resistance, Surveys.

3953-69

STEM RUST OF WHEAT IN CANTERBURY. R C Close

New Zealand Wheat Rev (10):47-52

1967 59.8 N48 Fungus diseases (plants), Puccinia graminis, Stem rust, Wheat.

MAIZE DWARF MOSAIC-EFFECTS OF VIRUS STRAINS A AND B ON YIELD AND INTERACTION EFFECTS OF ATRAZINE AND THE VIRUS ON YIELD.

H Cole D R MacKenzie J S Boyle C D

Ercegovich

Plant Dis Rep 53(5):340-344

May 1969 1.9 P69P

Atrazine, Chemical control (plant diseases), Corn, Crop yields, Dwarf mosaic, Virus diseases (plants).

A FLOWER BLIGHT OF CHRYSANTHEMUM IN SOUTH FLORIDA.

R S Cox

BIBLIOGRAPHY

3956-69

Plant Dis Rep 53(4):257-259

Apr 1969 1.9 P69P

Alternaria, Blight, Carbamates, Chemical control (plant diseases), Chrysanthemum, Fungicides, Fungus diseases (plants), Stemphylium, Symptomatology, Tetrachloroisophthalonitrile.

3956-69

DISEASES AND PARASITES OF THE ROSE. (FR)

A Duperrex

Rev Horticole Suisse 41(7):1-16

Jul 1968 80 R3212

Chemical control (plant diseases), Copper carbonate, Diazinon, DDT, Fungus diseases (plants), Illustrations, Insect pests, Lindane, Plant physiological diseases, Rosa, Symptomatology, Thiocarbamates, Zineb.

3957-69

LOW TEMPERATURE SPRAYS FOR DUTCH ELM DISEASE CONTROL.

A H Epstein

Plant Dis Rep 53(4):304-306

Apr 1969 1.9 P69P

Ceratocystis ulmi, Chemical control (plant diseases), Chlorinated hydrocarbons, Dieback, DDT, Fungus diseases (plants), Methanol, Methoxychlor, Spraying, Temperature, Ulmus, Water.

3958-69

CROWN RUST OF OATS IN CANADA IN 1968.

G Fleischmann

Can Plant Dis Surv 48(3):99-101

Sep 1968 464.9 C16S

Crop losses, Crown rust, Fungus diseases (plants), Oats, Puccinia coronata

3959-69

SOME OBSERVATIONS ON THE SHAPE AND LOCALIZATION OF DIFFERENT VIRUSES IN EXPERIMENTALLY INFECTED PLANTS, AND ON THE FINE STRUCTURE OF THE HOST CELLS. IV:ABABIS MOSAIC VIRUS IN PETU-NIA HYBRIDA HORT.

F M Gerola M Bassi G Giussani-Belli Milan Univ Inst Patol Veg Pubbl Raccolta (321):481-491

1967 464.9 M582

Arabis, Electron microscopy, Mosaic, Petunia, Plant physiology, Virology, Virus diseases (plants). Italian summary

Reprint from: Caryologia 19(4):481-491 1966.

3960-69

BROAD-BEAN STAIN AND TRUE BROAD-BEAN MOSAIC VIRUS.

A J Gibbs G Giussani-Belli H G Smith Milan Univ Inst Patol Veg Pubbl Raccolta (319):99-107 REF

1967 464.9 M582 Broadbeans, Mosaic, Symptomatology, Virology,

Reprint from: Annals of Applied Biology (g1):99-107 1968.

3961-69

INDEX TESTS OF CERTIFIED AND UNCER-TIFIED NURSERY FRUIT WASHINGTON IN 1968. TREES

B Gomec E C Blodgett M D Aichele

Plant Dis Rep 53(4):243-244

Apr 1969 1.9 P69P

Virus diseases (plants).

Fruit nurseries, Indexing, Testing, Virus diseases (plants).

3962-69

AIR-BORNE RUST INO WESTERN CANADA IN 1968. INOCULUM OVER

G J Green J W Martens Can Plant Dis Surv 48(3):110-111

Sep 1968 464.9 C16S

Air-borne plant diseases, Fungus diseases (plants), Leaf rust, Stem rust.

PREVENTION OF THE SPREAD OF NON-PER-SISTENT PLANT VIRUSES BY OIL SPRAYING. (DU)

F A Hakkaart

Neth Dir Tuinbouw Mededel 31(617,JUN-JUL):262-268 REF

1968 86 N384

Chemical control (plant diseases), Oils, Phytotoxicity, Spraying, Virus diseases (plants). English summary.

3964-69

CHEMICAL CONTROL OF STRIPE SMUT IN MERION KENTUCKY BLUEGRASS.

P M Halisky C R Funk P L Babinski

Plant Dis Rep 53(4):286-288

Apr 1969 1.9 P69P

Benomyl, Chemical control (plant diseases), Chlorinated hydrocarbons, Fungus diseases (plants). Furyl)-benzimidazole, 2-(2-, Pen-(plants), Furyl)-benzimidazole, 2-(2-, Pentachloronitrobenzene, Poa pratensis, Stripe smut, Ustilago striiformis.

THE IDENTITY OF PHYLLACTINIA ON WINGED ELM IN GEORGIA.

R T Hanlin

Plant Dis Rep 53(5):395-397

May 1969 1.9 P69P

Fungus diseases (plants), Phyllactinia angulata, Powdery mildew, Ulmus alata.

SOME OBSERVATIONS ON THE LATE OCCURRENCE OF PERONOSPORA ON GRAPES IN THE PERIOD 1964-1966. (GE)

J Henner

Pflanzenarzt 20(3):25-26

01 Mar 1967 464.9 P482

Climate, Fungicides, Fungus diseases (plants), Grapes, Peronospora, Rainfall, Spraying.

FUNGICIDES FOR ARABICA COFFEE 17-RELATIONSHIPS AMONG SOME NEW FUNGICIDES, LEAF RUST (HEMILEIA VASTATRIX), LEAF FALL AND YIELD.

D Hocking G H Freeman

Trop Agr &st Augustine & 45(2):141-145

Apr 1968 26 T754

Chemical control (plant diseases), Coffee, Copper oxychloride, Fungicides, Fungus diseases (plants), Hemileia vastatrix, Leaf rust.

Although copper oxychloride provided more effective control of coffee leaf rust than seven new fungicides tested, at no dosage did it exceed more than about 30 percent of the control value.

ADDITIONAL VARIETIES OF AGROSTIS PA-LUSTRIS INFECTED BY USTILAGO STRIIFORMIS VAR. AGROSTIDIS. **USTILAGO**

C F Hodges

Plant Dis Rep 53(4):298-299

Apr 1969 1.9 P69P

Agrostis palustris, Crop varieties, Fungus diseases (plants), Stripe smut, Ustilago striiformis.

LOSSES FROM FUSARIUM STEM ROT CAUSED BY FUSARIUM ROSEUM, IN PRODUCTION OF CUTTINGS OF CARNATION, DIANTHUS CARYOPHYLLUS.

R K Horst P E Nelson

Florists Rev 143(3715):39,110-113

06 Feb 1969 80 W41

Crop losses, Dianthus caryophyllus, Fungus diseases (plants), Fusarium roseum, Plant cuttings,

STUDIES OF LEPTOSPHAERIA AVENARIA F. SP. TRITICEA ON WHEAT IN NORTH DAKOTA.

R M Hosford R O Hogenson J E Huguelet R L

Plant Dis Rep 53(5):378-381 REF

May 1969 1.9 P69P

Fungus cultures, Fungus diseases (plants), Leptosphaeria, Septoria, Wheat.

3971-69

EFFICACY OF FUNGICIDES, HOT WATER AND GAMMA-IRRADIATION FOR CONTROL OF POSTHARVEST FRUIT ROTS OF PAPAYA.

J E Hunter I W Buddenhagen E S Kojima

Plant Dis Rep 53(4):279-284 REF Apr 1969 1.9 P69P

Aminobutane, 2-, Dichloro-4-nitroaniline, 2,6-, Fruit rot, Fungicides, Fungus diseases (plants), Gamma rays, Papayas, Plant disease control, Thermotherapy.

3972-69

FUNGUS DISEASES OF COTTON SEEDLINGS IN EGYPT. (GE)

M H Jakob

Hohemheim Landwirt Hochsch Diss (11):66P MAP REF

May 1967 105.8 H686D

Captan, Chemical control (plant diseases), Chlorinated hydrocarbons, Cotton, Disulfoton, Fungus diseases (plants), Fusarium moniliforme, Fusarium oxysporum, Pentachloronitrobenzene, Plant disease resistance, Pythium ultimum, Rhizocario carrii Scattlice, Pythium ultimum, Rhizocario carrii scattlice tonia gossypii, Seedlings.

BIOLOGY OF THE FUNGUS ASPERGILLUS FLAVUS LINK AND ITS INFECTIVITY TO PLANTS AND ANIMALS.

Joffe

Hebrew University Of Jerusalem, Israel 187P REF 29 Sep 1968 QK623.A9H4

Aflatoxin, Aspergillus flavus, Biology, Feed contamination, Fungicides, Fungus diseases (plants), Peanuts, Plant geography.

3974-69

FUSARIUM WILT (RACE 2) OF TOMATO: CALCIUM, PH, AND MICRONUTRIENT EFFECTS ON DISEASE DEVELOPMENT.

J P Jones S S Woltz

Plant Dis Rep 53(4):276-279

Apr 1969 1.9 P69P

Calcium, Fungus diseases (plants), Fusarium, Hydrogen-ion concentration, Micronutrients, Nutrient solutions (plants), Tomatoes, Wilt.

FRUIT DISEASE PROBLEMS AND NEW AP-PROACHES TO THEIR CONTROLS.

E J Klos

Mich State Hort Soc Annu Rep 92-94 1968 81 M58

Apples, Bacterial diseases (plants), Brown rot, Cherries, Fire blight, Fruit, Fungus diseases (plants), Leaf spot, Plant disease control, Scab.

MICRONUTRIENTS: THE SECRET BETTER YIELDS FOR FARMERS.

Good Farming 19(2):46-47

Mar 1968 7 G59 Crop yields, Micronutrients, Plant nutrition, Plant nutritional deficiencies.

3977-69

LODGING RESISTANCE IN WHEAT. II. IDENTIFICATION OF SUPERIOR GENETIC STOCKS.

S P Kohli K K Mukherjee K L Sethi

Indian J Agron 12(3):236-242 REF Sep 1967 22 IN235

Crop losses, Lodging, Plant disease resistance, Plant diseases, Plant genetics, Wheat.

VIRULENCE OF VARIOUS GROUPS OF LOOSE SMUT OF BARLEY, (USTILAGO NUDA (JENS.) ROSTR.) PHYSIOLOGICAL RACES IN THE LIGHT OF ANATOMICAL INVESTIGA-TIONS OF SPRING BARLEY VARIETIES DIF-FERENT WITH REGARD TO RESISTANCE. I.

SPREADING OF PATHOGENE IN HOST PLANT TISSUE. (POL)

W Kozera

Hodowla Roslin Aklimatyzacja Nasiennictwo 11(2):143-177 REF

1967 64.8 H66

Barley, Crop varieties, Fungus diseases (plants), Loose smut, Plant anatomy, Plant disease re-sistance, Plant physiology, Ustilago nuda. English and russian summaries.

ELEMENTS FOR A STUDY ON THE NEEDLE-CAST FUNGUS OF SCOTCH PINE LOPHODERMIUM PINASTRI (SCHRAD.) CHEV. PHENOLOGICAL STUDY: FALL OF NEEDLES AND DEVELOPMENT OF HYSTEROTHECIA. (FR

L Lanier

Forestierier Sci Ann 25(1):35-50 REF

1968 99.9 F845

Fungus diseases (plants), Lophodermium pinastri, Pinus sylvestris, Plant physiology. English and German summaries.

CONTRIBUTION TO THE STUDY OF OLIGOSPORIC ACTINOMYCETES. I. DESCRIPTION OF A NEW SPECIES OF ACTINOBIFIDA: ACTINOBIFIDA ALBA SP. NOV. AND REVISION OF THE GENUS.

R Locci E Baldacci B Petrolini

Milan Univ Inst Patol Veg Pubbl Raccolta (327):79-91 REF

1967 464.9 M582

Actinomycetes, Bacterial diseases (plants), Biochemistry, Morphology. Italian summary.

Reprint from: Giornale di Microbiologia 15:79-91 1967.

3981-69

AVOID YELLOW DWARF VIRUS BY LATE SOWING.

A D Lowe

New Zealand Wheat Rev (10):59-63

1967 59.8 N48

Grain, Plant protection, Planting, Time, Virus diseases (plants), Yellow dwarf.

AGLAONEMA PICTUM, A NEW HOST OF ERWINIA CHRYSANTHEMI.

L A McFadden

Plant Dis Rep 53(4):253-254

Apr 1969 1.9 P69P

Aglaonema, Bacterial diseases (plants), Erwinia chrysanthemi, Leaves, Soft rot, Symptomatology.

DISEASE AND INSECT CONTROL IN HOME ORCHARDS.

N E McGlohon E D Harris

Ga Univ Coll Agr Ext Serv Circ (522):7P

Nov 1968 275.29 G29C

Accident prevention, Chemical control (insects), Chemical control (plant diseases), Conotrachelus nenuphar, Dosage, Fruit, Insect control, Insect pests, Insecticides, Plant diseases, Pruning, Sanninoidea exitiosa, Spraying.

THE OCCURRENCE OF THE DOWNY MIL-DEW DISEASE OF TOBACCO. (GE

W Mentzel

Gesunde Pflanzen 20(12):266

Dec 1968 464.8 G33

Downy mildew, Epidemiology, Fungus diseases (plants), Tobacco.

3985-69

BIOCHEMISTRY OF PLANT IMMUNITY AND DORMANCY AS THE FOUNDATION FOR THE CROP PROTECTION AGAINST DISEASES AND GERMINATION. (RUS)

L V Metlitsky

Priklad Biokhim Mikrobiol Akad Nauk SSSR 3(5,SEP/OCT):534-541 1967 385 P93

Antibiotics, Immunity, Plant biochemistry, Plant diseases, Plant dormancy, Plant metabolism, Plant protection, Seed germination. English summary.

LOPHODERMIUM DURILABRUM FOUND ON FOXTAIL PINE IN CALIFORNIA.

D R Miller

Plant Dis Rep 53(4):271

Apr 1969 1.9 P69P

Fungus diseases (plants), Lophodermium durilabrum, Pinus balfouriana.

MULTIPLICATION OF TOBACCO MOSAIC VIRUS IN SUSPENSION CULTURE OF TOBAC-CO CELLS.

F Motoyoshi N Oshima

Jap J Microbiol 12(3):317-320

Sep 1968 448.8 J273

Mosaic, Tissue culture, Tobacco, Virology, Virus diseases (plants).

MELANOSE OF CITRUS.

Agr Gaz New S Wales 79(8):BACK COVER

Aug 1968 23 N472

Citrus, Diaporthe citri, Fungicides, Fungus diseases (plants), Melanose.

A RACE OF USTILAGO TRITICI VIRULENT ON THATCHER WHEAT AND ITS DERIVA-TIVES.

J Nielsen

Plant Dis Rep 53(5):393-395

May 1969 1.9 P69P

Crop varieties, Fungus diseases (plants), Plant disease resistance, Ustilago tritici, Wheat.

STUDIES ON CROWN GALL BACTERIA, AGROBACTERIUM TUMEFACIENS CONN II. ELECTRON MICROSCOPIC OBSERVATION ON THE FINE STRUCTURE IN DIVIDING AND NON-DIVIDING PHASES. (JA)

R Nishizawa

Bot Mag Tokyo 81(961, JUL-AUG): 404-410 REF 1968 450 B651

Agrobacterium tumefaciens, Bacterial diseases (plants), Bacteriology, Cell division, Cell nucleus, Crown galls, Cytoplasm, Electron microscopy. English summary.

A TRANSMISSIBLE FRUIT-DEPRESSION DIS-EASE OF MCINTOSH APPLES.

D H Palmiter

Plant Dis Rep 53(5):329-322

May 1969 1.9 P69P

Abnormalities, Apples, McIntosh depression virus, Plant disease transmission, Virus diseases (plants).

LIVE OAK IN MISSISSIPPI INFECTED BY ENDOTHIA PARASITICA.

P H Peacher

Plant Dis Rep 53(4):304 Apr 1969 1.9 P69P

Canker, Endothia parasitica, Fungus diseases (plants), Quercus virginiana.

3993-69

VIRGINIA PINE, A NEW HOST FOR CRONAR-TIUM COMANDRAE.

H R Powers

Plant Dis Rep 53(4):320

Apr 1969 1.9 P69P

Cronartium comandrae, Epidemiology, Fungus diseases (plants), Pinus virginiana, Seedlings.

NEW CHEMICALS LOOK GOOD FOR WEED CONTROL IN MICHIGAN ORCHARDS.

A R Putnam

Mich State Hort Soc Annu Rep 94-96

1968 81 M58

Chemical control (plant diseases), Chemicals, Fruit, Herbicides, Pesticide application, Spraying. New chemicals'used were Paraquat, Karmer or simazine, Casoron, Sinbar, D acid, 2,4-, D amine, 2,4- and Ammate.

EFFECT OF SCLEROSPORA GRAMINICOLA INFECTION ON TOTAL NITROGEN CONTENT AND FREE AMINO ACID COMPOSITION OF BAJRA PLANTS.

J N Rai A K Sinha

Mycopathol Mycol Appl 36(314):293-299 REF 1968 450 M994

Amino acids, Fungus diseases (plants), Nitrogen, Pearlmillet, Plant biochemistry, Sclerospora graminicola, Tryptophan.

3996-69

FUNGAL AND BACTERIAL DISEASES OF CRUCIFERS AND CUCURBITS IN WESTERN ONTARIO IN 1967.

A A Reyes G H Comly L F Mainprize D A Pallet C A Warner

Can Plant Dis Surv 48(3):95-96

Sep 1969 464.9 C16S

Bacterial diseases (plants), Cabbage, Cauliflower, Cucumbers, Fungus diseases (plants), Muskmelons, Surveys. The author lists the disease and the cause of the disease on crucifers and cucurbits.

DEVELOPMENT OF A NEW VARIETY OF TO-MATO NAMED MIGUEL PEREIRA, WITH RE-SISTANCE TO BOTH FUSARIUM AND VER-TICILLIUM WILTS. (POR)

R L D Ribeiro H Watanabe S Sudo L A B Castro N R Leal

Agronomia 25(1/2,JAN-JUN):21-24

1967 9.2 AG892

Crop varieties, Fungus diseases (plants), Fusarium, Plant disease resistance, Tomatoes, Verticillium, Wilt.

3998-69

DISTRIBUTION AND HOST RANGE OF MAIZE DWARF MOSAIC VIRUS IN VIRGINIA.

C W Roane S A Tolin

Plant Dis Rep 53(4):307-310 MAP REF

Apr 1969 1.9 P69P

Corn, Dwarf mosaic, Epidemiology, Grasses, Host indexing (plants), Perennial plants, Sorghum halepense, Virus diseases (plants).

LEAF RUST OF WHEAT IN CANADA IN 1968. D J Samborski

Can Plant Dis Surv 48(3):107-109

Sep 1968 464.9 C16S

Crop losses, Fungus diseases (plants), Leaf rust, Puccinia recondita, Wheat.

4000-69

EFFECTS OF TOBACCO MOSAIC VIRUS ON THE PHOSPHORUS METABOLISM OF NICOTIANA XANTHI N. C. (FR)

R Scalla R Meignoz

Ann Physiol Veg 9(4):383-396 REF

1967 451 F8432

Mosaic, Phosphorus compounds, Plant metabolism, Tobacco, Virus diseases (plants). English summary.

EFFECTS OF EARLY AND LATE INOCULA-TION OF MAIZE DWARF MOSAIC VIRUS STRAIN A AND B ON SHELLED GRAIN YIELDS OF SUSCEPTIBLE AND RESISTANT MAIZE SEGREGATES OF A THREE-WAY HYBRID.

G L Scheifele

Plant Dis Rep 53(5):345-347

May 1969 1.9 P69P

Corn, Crop varieties, Crop yields, Dwarf mosaic, Immunity, Plant disease resistance, Virus diseases (plants).

4002-69

DETECTABLE LEVELS OF XANTHOMONAS MALVACEARU IN COTTON GIN DEBRIS WITH THE SEED-SOAK METHOD.

W C Schnathorst

Plant Dis Rep 53(5):400-402

May 1969 1.9 P69P

Bacterial diseases (plants), Cotton, Seedlings, Xanthomonas malvacearum.

RESISTANCE TO BENOMYL IN POWDERY MILDEW OF CUCURBITS.

W T Schroeder R Provvidenti Plant Dis Rep 53(4):271-275 Apr 1969 1.9 P69P

Benomyl, Chemical control (plant diseases), Cucumbers, Fungus diseases (plants), Immunity, Powdery mildew, Resistance, Sphaerotheca fuliginea.

THE IN VITRO ESTABLISHMENT OF PITH CALLUSES AND NODAL TUMORS OF BRASSICA OLERACEA.

W R Sharp D Davidson

Torrey Bot Club Bull 96(1,JAN-FEB):114-116 1969 451 T63B

Cabbage, Culture media, Pith, Plant diseases, Plant galls, Tissue culture.

A NEW VIRUS DISEASE OF CARICA PAPAYA IN INDIA.

A B Singh

Plant Dis Rep 53(4):267-269

Apr 1969 1.9 P69P

Host indexing (plants), Insect vectors, Myzus persicae, Papayas, Plant disease transmission, Symptomatology, Virus diseases (plants).

4006-69

FIELD EVALUATION OF SOME FUNGICIDES FOR CONTROL OF LEAF AND STEM RUSTS OF WHEAT.

D V Singh B M Khanna A N Khanna Plant Dis Rep 53(5):352-355 REF

May 1969 1.9 P69P

Chemical control (plant diseases), Fungicides, Fungus diseases (plants), Leaf rust, Spraying, Stem rust, Wheat. Eight fungicides were tested. The best results were obtained with application of maneb.

4007-69

SPORE DISPERSAL BY SCLERODERRIS LAGERBERGII UNDER NURSERY AND PLANTATION CONDITIONS.

D D Skilling

Plant Dis Rep 53(4):291-295 REF

Apr 1969 1.9 P69P

Fungi dissemination, Fungus diseases (plants), Nurseries, Plant disease transmission, Plantations, Rainfall, Scleroderris lagerbergii, Spores.

4008-69

COMPARATIVE INTERACTIONS OF ERWINIA CAROTOVORA AND ERWINIA AMYLOVORA WITH PEAR AND POTATO TISSUES.

D H Spalding B C Smale

Plant Dis Rep 53(4):255-256

Apr 1969 1.9 P69P

Bacterial diseases (plants), Bacteriology, Erwinia amylovora, Erwinia carotovora, Ethyl acetate, Pears, Plant extracts, Potatoes, Tissue culture.

THE EFFECT OF LOW DOSES OF GAMMA IR-RADIATION UPON THE RATE OF INFECTION
OF PLANTS WITH POWDERY MILDEW. II. A
DIFFERENTIATED SUSCEPTIBILITY OF
WINTER WHEAT ZELAZNA VARIETY TO INFECTION WITH POWDERY MILDEW FECTION WITH POWDERY MILDEW (ERYSIPHE GRAMINIS F. TRITICI DC MARCH). (POL)

S Starzycki J Pala E Konopko Hodowla Roslin Aklimatyzacja Nasiennictwo 11(2):269-274 REF 1967 64.8 H66

Erysiphe graminis tritici, Fungus diseases (plants), Gamma rays, Irradiation, Powdery mildew, Wheat. English and Russian summaries.

PLANT PROTECTION. BULLETIN OF THE PLANT DISEASE STATION OF GENEVA. MARCH. (FR)

Rev Horticole Suisse 41(3):72-73

Mar 1968 80 R3212

Chemical control (plant diseases), Crops, Fruit culture, Fungus diseases (plants), Ornamental plants, Plant pest control, Plant protection, Virus diseases (plants).

4011-69

PLANT PROTECTION. BULLETIN OF THE PLANT DISEASE STATION OF GENEVA. JUNE. (FR)

Rev Horticole Suisse 41(6):156-158

Jun 1968 80 R3212

Chemical control (plant diseases), Crops, Fruit culture, Fungus diseases (plants), Ornamental plants, Plant pest control, Plant protection, Virus diseases (plants).

4012-69

PLANT PROTECTION. BULLETIN OF THE PLANT DISEASE STATION OF GENEVA. OC-TOBER. (FR)

Rev Horticole Suisse 41(10):266-267

Oct 1968 80 R3212

Chemical control (plant diseases), Crops, Fruit culture, Fungus diseases (plants), Ornamental plants, Plant pest control, Plant protection, Virus diseases

4013-69

PLANT PROTECTION. BULLETIN OF THE PLANT DISEASE STATION OF GENEVA. APRIL. (FR)

Rev Horticole Suisse 41(4):95-97

Apr 1968 80 R3212

Chemical control (plant diseases), Crops, Fruit culture, Fungus diseases (plants), Ornamental plants, Plant pest control, Plant protection, Virus diseases (plants).

4014-69

THE TOBACCO MOSAIC VIRUS (TMV) IN THE NUTRITIVE SOLUTION OF THE TOMATO HYDROPONOUS CULTURE. (RUS)

K S Sukhov T F Yazykova

Zhur Obshch Biol 29(5,SEP/OCT):611-616 REF 1968 442.8 Z6

Bacteria, Greenhouse culture, Hydroponics, Microorganisms, Mosaic, Plant disease transmission, Pseudomonas, Tobacco, Tomatoes, Virus diseases (plants). English summary.

4015-69

BROWN ROT CONTROL IN SOUTHERN CALIFORNIA.

Sunkist Pest Contr Circ (372):1-2

Nov 1968 423.9 C12E

Brown rot, Chemical control (plant diseases), Crop losses, Fruit, Fungus diseases (plants), Plant injuries, Spraying.

WILD SPECIES AS A SOURCE OF RE-SISTANCE TO DISEASES. (RUS)

M F Ternovskii

Sel'skokhozyast Biol 2(6):832-839 REF 1967 S13.S44

Bacterial diseases (plants), Crop varieties, Fungus diseases (plants), Immunity, Plant disease resistance, Plant genetics, Tobacco, Virus diseases (plants). English summary

BUGGY-WHIP OF CORN AND ITS RELATION TO THE INCIDENCE OF COMMON SMUT.

A J Ullstrup

Plant Dis Rep 53(4):250-252 Apr 1969 1.9 P69P

Absorption, Buggy whip, Corn, Epidemiology, Plant injuries, Smut, Symptomatology.

4018-69

OCCURRENCE OF CRONARTIUM COMPTONIAE IN THE MARITIME PROVINCES.

G A Van Sickle

Plant Dis Rep 53(5):369-371 REF

May 1969 1.9 P69P

Cronartium comptoniae, Cronartium stalictiforme, Epidemiology, Fungus diseases (plants), Pinus, Stem rust, Sweetfern blister rust.

POSSIBILITIES FOR BOTRYTIS CINEREA CONTROL, ESPECIALLY IN TOMATOES. (DU

Neth Dir Tuinbouw Mededel 31(617,JUN-JUL):250-251 REF

1968 86 N384

Botrytis cinerea, Fungus diseases (plants), Nitrogen, Soil analysis, Tomatoes. English summa-(plants),

OCCURRENCE OF EPHELIS ON RICE VARIETY IR-8 AND COTTON GRASS IN IN-

H C Vindu

Plant Dis Rep 53(5):360

May 1969 1.9 P69P

Balansia oryzae, Fungus diseases (plants), Imperata cylindrica, Rice.

4021-69

PHYTOPATHOLOGICAL PROBLEMS IN AUS-TRIA. (GE)

G Vukovits

Pflanzenarzt 20(9):103-106

01 Sep 1967 464.9 P482

Crops, Phytopathology, Plant diseases, Plant pest control

IDENTIFICATION OF RACES OF PSEU-DOMONAS PHASEOLICOLA FROM QUEBEC BEAN FIELDS.

V R Wallen

Can Plant Dis Surv 48(3):97-98 REF

Sep 1968 464.9 C16S

Bacterial diseases (plants), Beans, Culture media, Pseudomonas phaseolicola.

TESTS ON DRY FUMIGATION OF POTATO SEEDLINGS AGAINST RHIZOCTONIA DIS-EASE. (GE)

H Wenzl

Pflanzenarzt 21(3):34-37

01 Mar 1968 464.9 P482

Chemical control (plant diseases), Fumigation, Fungus diseases (plants), Potato seeds, Rhizoctonia.

4024-69

ILLUSTRATIVE SCALES FOR THE EVALUATION OF POTATO SCAB AND RHIZOCTONIA INFECTION.

H Wenzl J Demel

Pflanzenarzt 20(7):77-78 01 Jul 1967 464.9 P482

Diagnosis, Fungus diseases (plants), Illustrations, Potatoes, Rhizoctonia, Scab, Statistical methods, Symptomatology.

4025-69

SUSCEPTIBILITY OF COASTAL FORM AND CENTRAL MONTANA DOUGLAS-FIR TO ARCEUTHOBIUM DOUGLASII.

E F Wicker

Plant Dis Rep 53(4):311-314 REF

Apr 1969 1.9 P69P

Arceuthobium, Epidemiology, Fungus diseases (plants), Plant disease resistance, Pseudotsuga menziesii.

FROM THE REALM OF MICROORGANISMS. SOME INTERESTING STRUCTURES OF PLANT MICROORGANISMS. (GE) W Wittmann

Pflanzenarzt 20(3):22-24 01 Mar 1967 464.9 P482

Fungi, Fungus diseases (plants), Microorganisms, Mycology.

4027-69

HYBRID CORN YIELD REDUCTION STALK AND ROOT ROT IN NEBRASKA.

D S Wysong E Kerr

Plant Dis Rep 53(5):326-329

May 1969 1.9 P69P

Cephalosporium, Corn, Crop losses, Fungus diseases (plants), Fusarium, Root rot, Stalk rot.

TRANSMISSION OF THE VIRUS COMPONENT OF THE RAGI (ELEUSINE CORACANA) DISEASE-COMPLEX IN MYSORE, INDIA.

R C Yaraguntaiah K V Keshavamurthy Plant Dis Rep 53(5):361-363

May 1969 1.9 P69P

Aphididae, Insect vectors, Mosaic, Plant disease transmission, Ragimillet, Sogatella, Virus diseases (plants).

4029-69

THE RATE OF CONTAMINATION IN RELATION TO THE PERCENTAGE OF INFECTION IN THE PARASITIC DISEASES OF PLANTS. (FR)

C Zambettakis

Rev Gen Sci Pures Appl 75(3/4,MAR-APR):73-81 1968 473 R324

Air-borne plant diseases, Botrytis cinerea, Fungus diseases (plants), Parasitism, Plant disease transmission, Plant diseases, Plant nematodes, Spores.

WHY IS THE DISINFECTION TREATMENT OF CORN SEEDS ABSOLUTELY NECESSARY. (GE)

B Zwatz

Pflanzenarzi 20(4):39-40 01 Apr 1967 464.9 P482

Bacterial diseases (plants), Corn, Fungus diseases (plants), Seed treatment, Seed-borne plant diseases, Soil-borne plant diseases, Thiocarbamates,

ARTHROPODS

4031-69

CORN EARWORM THREATENS SNAPBEANS.

Anonymous

Amer Veg Grower 17(4):48

Apr 1969 80 C733

Beans, Carbamates, Carbaryl, Chemical control (insects), Dusting, Heliothis zea, Insecticide application.

4032-69

THE PEACH TWIG BORER AND ITS CON-TROL.

E W Anthon

Wash State Univ Ext E M (2034):5P

Oct 1968 275.29 W27MI

Anarsia lineatella, Chemical control (insects), Crop losses, Insect biology, Insect pests, Insecticides, Plant injuries, Spraying, Insecticides tested were DDT, parathion, dieldrin, Sevin, Guthion, Thiodan, Diazinon and oil plus Ddt.

THE SAN JOSE SCALE A PEST OF ORNAMENTAL SHRUBS. (GE)

Pflanzenarzt 20(4):34-35 01 Apr 1967 464.9 P482

Aspidiotus perniciosus, Chemical control (insects), Host indexing (plants), Parathion, Shrubs. 10 host shrubs are listed

THE ATTRACTION TO PISSODES NOTATUS (COL. CURCULIONIDAE) OF THE WOUNDS FORMED BY MATSUOCOCCUS FEYTAUDI

DUC. (HOM. COCCOIDEA) ON MARITIME PINE. (FR)

P Carle

Forestierier Sci Ann 25(1):25-33

1968 99.9 F845

Forest insects, Matsucoccus feytaudi, Pinus pinaster, Pissodes notatus, Plant injuries, Tree diseases. English and German summaries.

4035-69

A CONTRIBUTION TO THE STUDY OF THE PEMPHIGOSE OF POPLARS AND ITS PATHOGEN PAMPHIGUS SPIROTHECAE. (FR

Biologia (bratislava) 24(2):166-172

1969 442.8 B5265

Insect ecology, Life cycle, Pemphigus, Plant diseases, Populus. Czech and Russian abstracts.

PLANT VIRUS DISEASES IN TURKEY WHICH ARE TRANSMITTED BY INSECT VECTORS. (TU)

S Iren

Bitki Koruma Bulteni 7(3):107-116 REF

1967 464.8 B542

Insect vectors, Plant disease transmission, Potatoes, Satsuma oranges, Sugar beets, Vegetables, Virus diseases (plants). English summary.

BLOODWORMS--PESTS OF RICE.

E L Jones

Agr Gaz New S Wales 79(8):477-478

Aug 1968 23 N472

Chemical control (insects), Chironomus, Cultural control (insects), Insect biology, Insect pests, Larvae, Rice.

Cultural control measures to avoid the accumulation of organic material on the soil surface, and dressing rice seed with DDT are recommended in order to prevent extensive damage to rice seedlings by Chironomus larvae.

4038-69

THE ALTERNATE GENERATION OF CALLIR-HYTIS QUERCUSSUTTONII (BAS-SETT)(HYMENOPTERA: CYNIPOIDEA).

R J Lyon

Entomol Soc Wash Proc 71(1):61-65

Mar 1969 420 W27

Callirhytis quercussuttonii, Chemical control (insects), Cynipoidea, Gall-making insects, Quercus, Spraying.

4039-69

RASPBERRY MOTH.

Great Brit Min Agr Fish Food Adv Leafl (66):1-3 Dec 1967 10 G79LA

Chemical control (insects), Cultural control (insects), DDT, Insect biology, Lampronia rubiella, Lindane, Raspberries.

The life cycle and control of the raspberry moth Lampronia rubiella) with a description of infested plants are discussed. Burning of all infested wood and control with tar oil washes, DDT and lindane are the recommended control measures.

APHIDS AND VIRUS IN NORTH CANTERBURY WHEAT, 1965-66 SEASON.

R I Mulholland R C Close R C Stephen New Zealand Wheat Rev (10):53-58

1967 59.8 N48

Aphididae, Insect vectors, Time, Virus diseases (plants), Wheat, Yellow dwarf.

INSECTICIDE GRANULES AND VIRUS IN AUTUMN-SOWN WHEAT.

R I Mulholland C T Jessep

New Zealand Wheat Rev (10):64-69

1967 59.8 N48

Aphididae, Insect vectors, Insecticides, Rhopalosiphum padi, Virus diseases (plants), Wheat, Yellow dwarf. 4042-69

THE APPEARANCE OF BEET APHIDS IN 1966.

O Schreier

Pflanzenarzt 20(4):36-37

01 Apr 1967 464.9 P482

Aphididae, Beets, Insecticide application, Plant pest control.

4043-69

THE OLEANDER SCALE, PSEUDAULACASPIS PENTAGONA (TARG.), (HOMOPTERA, COC-CIDAE) IN BERMUDA.

F J Simmonds

Bermuda Dep Agr Bull 1):44P REF

Jul 1968 8 B45B

Aspidiotus hederae, Biological control (insects), Forest insects, Insect pests, Lizards, Parasitism, Predaceous insects, Pseudaulacaspis pentagona.

Its natural enemies were Prospaltella berlesei, Aspidiotiphagus spp., Cybocephalus sp., Pentilia insidiosa, Cryptognatha simillima, Chilocorus cac-ti, and miscellaneous Coccinellids. The role of the lizard in biological control is explained.

SOME IMPORTANT ASPECTS OF COTTON IN-SECT CONTROL.

J P Tunstall

RNFC Crops Conf 1967 MEETING:17-18

Jul 1967 S573.R45

Accident prevention, Chemical control (insects), Cotton, Insect identification, Insecticide application, Spraying.

NEMATODES

4045-69

BREEDING AND PROPAGATION OF VIRUS-FREE GRAPES IN HYDROPONIC CULTURES. (IT)

E Baldacci F Lalatta

Milan Univ Inst Patol Veg Pubbl Raccolta (314):251-255

1967 464.9 M582

Grapes, Nematode infestation, Nutrient solutions (plants), Plant breeding, Plant disease resistance, Plant physiology, Tillage, Virus diseases (plants). English summary.

Reprint from: Rivista di Patologia Vegetale ser. 1V 3(4,Oct-Dec):251-255 1967.

INFLUENCE OF SIX COVER CROPS ON POPU-LATION DENSITY OF PRATYLENCHUS PENETRANS.

G W Bird

Can Plant Dis Surv 48(3):113

Sep 1968 464.9 C16S

Cover crops, Crop varieties, Plant nematodes, Pratylenchus penetrans. The cover crops were Sorghum vulgare sudanense, Lolium perenne, Dactylis glomerata, Medicago sativa, Vicia sativa and Sudan grass x sorghum hybrid.

OVERWINTERING OF MELOIDOGYNE INCOGNITA IN SOUTHWESTERN ONTARIO.

G W Bird

Can Plant Dis Surv 48(3):112

Sep 1968 464.9 C16S

Hibernation, Meloidogyne incognita, Plant galls, Plant nematodes, Vegetables.

NEMATODES ASSOCIATED WITH BANANAS IN THE WINDWARD ISLANDS.

J E Edmunds

Trop Agr &st Augustine & 45(2):119-124

Apr 1968 26 T754

Bananas, Nematodes, Plant nematodes, Rhizosphere, Rotylenchulus, Soil microorganisms.

4049-69

SURVIVAL OF THE SOYBEAN CYST NE-MATODE IN SEED STOCKS.

BIBLIOGRAPHY

4050-69

J M Epps

Plant Dis Rep 53(5):403-405

May 1969 1.9 P69P

Heterodera glycines, Plant nematodes, Seeds, Soybeans.

NINE VARIETIES OF SOUTHERN PEAS RESISTANT TO THE SOYBEAN CYST NEMATODE.

J M Epps

Plant Dis Rep 53(4):245

Apr 1969 1.9 P69P

Cowpeas, Crop varieties, Heterodera glycines, Plant nematodes, Plant pest resistance.

A NOTE ON THE NEMATICIDAL PROPERTIES OF 'SEVIN'

D W Fenwick

Trop Agr &st Augustine & 45(2):125-126

Apr 1968 26 T754

Biological assay, Carbamates, Carbaryl, Chemical control (nematodes), Insecticides, Nematocides.

Several laboratory experiments are described which indicate that the insecticide 'sevin' may have utility as a nematocide.

4052-69

LIFE CYCLE AND REPRODUCTION OF ME-LOIDOGYNE HAPLA ON POTATO.

G D Griffin E C Jorgenson Plant Dis Rep 53(4):259-261

Apr 1969 1.9 P69P

Meloidogyne hapla, Nematode morphology, Plant nematodes, Potatoes, Reproduction.

NEMATODES ARE DESTRUCTIVE TO YOUR PLANTS.

R D Guerrero

Philippine Farms Gardens 5(9):14,28

Sep 1968 25 P5323

Agronomy, Chemical control (nematodes), Crop losses, Fumigation, Nematocides, Plant nematodes.

LONGIDORUS AFRICANUS A PATHOGEN OF HEAD LETTUCE IN THE IMPERIAL VALLEY OF SOUTHERN CALIFORNIA.

J D Radewald J W Osgood K S Mayberry A O Paulus F Shibuya

Plant Dis Rep 53(5):381-384

May 1969 1.9 P69P

Lettuce, Longidorus africanus, Plant diseases, Plant nematodes.

4055-69

NEMATODOFAUNA OF A MIXED HORN-BEAM-OAK FOREST SOIL AND OF THE NEIGHBORING CULTIVATED LANDS AT BAB NEAR NITRA. (CZ

A Saly

Biologia (bratislava) 24(2):135-147 REF

1969 442.8 B5265

Forest soils, Nematode populations, Plant nematodes, Soil microorganisms, Surveys. Russian and English abstracts.

4056-69

GOLDEN NEMATODE FOUND IN DELAWARE.

J F Spears

Plant Dis Rep 53(4):243

Apr 1969 1.9 P69P

Heterodera rostochiensis, Plant nematodes, Potatoes, Zoogeography.

CONTROL OF THE CITRUS NEMATODE, TYLENCHULUS SEMIPENETRANS, WITH 1,2-DIBROMO-3-CHLOROPROPANE IN TAIWAN.

M Toung

Plant Dis Rep 53(4):300-301

Apr 1969 1.9 P69P

Chemical control (nematodes), Citrus, Dibromo-3chloropropane, 1,2-, Nematocides, Plant nematodes, Tylenchulus semipenetrans. 4058-69

HOST RESISTANCE REFLECTED IN DIFFERENTIAL NEMATODE POPULATION FERENTIAL STRUCTURES.

D R Viglierchio N A Croll Science 161(3838):271-272 19 Jul 1968 470 SC12

Alfalfa, Ditylenchus dipsaci, Onions, Plant ne-matode resistance, Plant nematodes, Population,

WEEDS

4059-69

NOW CAN YOU SPOT THOSE WEEDS.

Anonymous

Good Farming 19(2):28-29

Mar 1968 7 G59

Agropyron repens, Ascelepias syriaca, Avena fatua, Cirsium arvense, Convolvulus arvensis, Equisetum arvense, Illustrations, Linaria vulgaris,

4060-69

FURTHER RESEARCH ON THE CONTROL OF ECHINOCHLOA IN RICE FIELDS. (IT)

E Baldacci L Chiapparini C Moglia Milan Univ Inst Patol Veg Pubbl Raccolta (332):159-187 REF 1967 464.9 M582

Chemical control (weeds), Echinochloa, Herbicides, Rice. English summary.

Reprint from: Il Riso 16(3):159-187 Sep 1967. the following herbicides were tested Ordram, Glenbar, Dacthal, H 64-5001, Propanil, and Monalide on

4061-69

CHEMICAL WEED CONTROL IN IRRIGATION CHANNELS AND DRAINS.

S M Bill W A E Graham

Renown Press Pty. Ltd., Carnegie, Australia 34P 1968 SB613.A88B52

Accident prevention, Aquatic weeds, Chemical control (weeds), Drainage ditches, Economics, Herbicides, Water pollution.

4062-69

DEFOLIATION EFFECTS ON FOREST ECOLO-GY.

L T Burcham

Science 161(3837):109

12 Jul 1968 470 SCI2

Chemical control (weeds), D, 2,4-, Defoliation, Dosage, Herbicides, Phenoxy acid compounds, Spraying, T, 2,4,5-.

THE DEVELOPMENT OF CHEMICAL WEED CONTROL IN ORNAMENTAL PLANTS IN FIELDS. (IT)

L Chiapparini

Milan Univ Inst Patol Veg Pubbl Raccolta (330):12P REF

1967 464.9 M582

Chemical control (weeds), Dosage, Herbicides, Ornamental plants, Pesticide application. English summary. 65 herbicides were tested.

Reprint from: Atti delle Giornate di Studio sul diserbo in Floricoltura e nei settori affini 16-17 Sep 1965; Turin, Italy, pages 53-62.

THE LASTING INFLUENCE OF TRIAZINES AND THE EFFECT OF HERBICIDE MIXTURES IN THE TREATMENT OF CORN. IN: COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFERENCE, PRAGUE, JUNE 21-24, 1966. (GE)

J Debrevodsky 77-82

1966 SB951.U8

Ametryne, Atrazine, Chemical control (weeds), Corn, Evaluation, Herbicide residues, Herbicides, Linuron, Prometryne, Triazine. Czech and Russian summaries many herbicide mixtures were compared.

CONTROLLING WEEDS IN TOBACCO WITH BENEFIN.

A D Doyle

Agr Gaz New S Wales 79(8):456-459

Aug 1968 23 N472

Benefin, Brachiaria pigligera, Chemical control (weeds), Digitaria, Echinochloa crusgalli, Eragrostis cilianensis, Herbicides, Tobacco.

The methodology and economics of benefin application on tobacco to control Digitaria, Eragrostis cilianensis, Echinochloa crusgalli, Brachiaria pigligera, and Portulaca oleracea is presented.

WEEDS MEAN WASTE KNOW YOUR WEEDS AND HOW TO CONTROL THEM.

J G Haney

International Harvester Company, Chicago, Illinois. 44P MAP

1929 SB611.H3

Annual plants, Crop rotation, Illustrations, Poisons, Tillage, Weed control, Weeds.

4067-69

DOMESTIC QUARANTINE NOTICES. WITCHWEED. REGULATED AREAS.

F A Johnston

Fed Regist 34(34,PT 1):2351

19 Feb 1969 L1.451

Agricultural regulation, Plant protection, Plant quarantine, Striga, Weeds.

CONTROL OF OROBANCHE UNDER NATURAL AND ARTIFICALLY INFESTED CONDITIONS.

T Krishnamoorthi A S Krishnan Indian J Agron 12(3):277-282

Sep 1967 22 IN235

Environment, Orobanche, Parasitism, Plant protection, Tobacco, Weed control.

AUTUMN WEED CONTROL FOR CONTINU-OUS CEREAL GROWERS.

G H MacKenzie

Seed Trade Rev 20(12):203-204

Dec 1968 61.8 SE32

Agropyron repens, Blackgrass, Equipment, Grain, Herbicides, Tillage, Weed control.

WEED CONTROL IN FRUITS AND NUTS.

J F Miller

Ga Univ Coll Agr Ext Serv Circ (569):3P Jan 1969 275.29 G29C

Accident prevention, Chemical control (weeds), Dosage, Fruit, Herbicides, Nuts, Spraying.

WEED CONTROL IN VEGETABLES.

J F Miller

Ga Univ Coll Agr Ext Serv Circ (544):4P Jan 1969 275.29 G29C

Accident prevention, Chemical control (weeds), Dosage, Herbicides, Spraying, Vegetables.

CORN MARIGOLD (GOLDINGS, YELLOW OX-EYE, YELLOW BOTTLE).

Great Brit Min Agr Fish Food Adv Leafl (529):4P Feb 1968 10 G79LA

Accident prevention, Chemical control (weeds), Costs, Cultural control (weeds), Dosage, Herbicides, Seedlings.

4073-69

RAGWORT.

Great Brit Min Agr Fish Food Adv Leafl (280):6P Jan 1968 10 G79LA

Accident prevention, Agricultural legislation, Chemical control (weeds), D, 2,4-, Grazing,

Methyl-4-chlorophenoxyacetic acid, 2-, Phenoxy acid compounds, Poisonous plants, Senecio jacobaea, Spraying, Symptomatology.

PERENNIAL BINDWEEDS.

Great Brit Min Agr Fish Food Adv Leafl (450):4P Sep 1967 10 G79LA

Asparagus, Chemical control (weeds), Convolvulus, Currants, D. 2,4-, Grain, Methyl-4-chlorophenoxy)butyric acid, 4-(2-, Methyl-4-chlorophenoxyacetic acid, 2-, Perennial plants, Phenoxy acid compounds, Polygonum convolvulus, Potatoes, Tillage, Turf.

CHEMICAL WEED CONTROL IN POTATO (SOLANUM TUBEROSUM L.). A REVIEW.

M K Moolani S K Agarwal

Indian J Agron 12(3):231-235 REF

Sep 1967 22 IN235

Chemical control (weeds), Herbicides, Potatoes.

Most common weeds in potato crops of India: Chenopodium arvensis, Fumaria purifcora, Portulaca oleracea, cyperus rotuudus, and Amaranthus

NEW HERBICIDES FOR CONTROLLING WEEDS IN UPLAND RICE.

S K Mukhopadhyay S Bag

Indian J Agron 12(3):253-256

Sep 1967 22 IN235

Carbamates, Chemical control (weeds), Herbicides, Prometryne, Propanil, Rice, Urea com-

4077-69

BRUSH CONTROL THROUGH SHREDDING.

B Nelson

Cattleman 55(10):40,41,82,84,85

Mar 1969 49 C29

Brush control, Equipment, Tractors.

FOAMING AGENTS AS GROUND COVER AGAINST WEEDS. (GE)

H Neururer

Pflanzenarzt 20(4):37-38 01 Apr 1967 464.9 P482

Plastics, Weed control.

FURTHER TEST OF THE CONTROL OF AVENA FATUA IN SUGAR BEETS. (GE

H Neururer

Pflanzenarzt 21(3):37-38

01 Mar 1968 464.9 P482

Avena fatua, Chemical control (weeds), Cultural control (weeds), Di-allate, Gramoxone, Pyramin, Sugar beets.

4080-69

DEFOLIATION EFFECTS ON FOREST ECOLO-GY.

M Newton

Science 161(3837):109

12 Jul 1968 470 SCI2

Cacodylic acid, Chemical control (weeds), D, 2,4-, Defoliation, Herbicides, Phenoxy acid compounds, Spraying, T, 2,4,5-.

408 I-69

THE EFFECTIVENESS OF THE NEWER HER-BICIDES FOR THE CONTROL OF WEEDS IN CULTIVATED PLANTS WITH SPECIAL AT-TENTION TO WEEDS WHICH ARE DIF-FICULT TO CONTROL. IN: COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFERENCE, PRAGUE, JUNE 21-24 1966 (GF) 2I-24, 1966. (GE)

J Rola

107-113

1966 SB951.U8

Apera spica-venti, Cabbage, Chemical control (weeds), Fruit, Galium aparine, Grain, Herbicides, Onions, Potatoes, Stellaria media, Sugar beets, Tomatoes. Czech and Russian summaries. discussion of many weeds and herbicides.

STUDIES ON WEED CONTROL IN GROUND-NUT (ARACHIS HYPOCEAE) - A REVIEW.

G B Singh M K Moolani

Indian J Agron 12(3):267-273 REF

Sep 1967 22 IN235

Peanuts, Research, Weed control.

PROBLEMS OF HERBICIDE USE IN YUGOSLAVIA. IN: COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFERENCE, PRAGUE, JUNE 21-24, 1966. (GE) DISTRIBUTION. (GE)

A Srekajs

187-192

1966 SB951.U8

Atrazine, Chemical control (weeds), D, 2,4-, Herbicides, Plant hormones, Prometryne, Root crops, Simazine, Sunflowers, Vegetables.

4084-69

SPRAYING POST OAK DIVIDENDS. BRUSH PAYS

S Toeppich

Cattleman 55(10):46,56

Mar 1969 49 C29

Aerial spraying, Brush control, Costs, Farm management, Quercus stellata.

HERBICIDES IN COMBINATION WITH THE MINERAL FERTILIZERS. IN: COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFERENCE, PRAGUE, JUNE 21-24, 1966. (RUS)

H A Tsesalin

83-90

1966 SB951.U8

Ammonium nitrate, Annual plants, Chemical control (weeds), D, 2,4-, Fertilizers, Herbicides, Matricaria inodora, Methodology, Minerals. German and Czech summaries.

CHEMICAL CONTROL OF WEEDS IN THE HUNGARIAN VINEYARDS. IN: COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFERENCE, PRAGUE, JUNE 21-24, 1966. (GE)

G Ubrizsy F M Csongrady

117-120

1966 SB951.U8

Ametryne, Atrazine, Chemical control (weeds), Grape vineyards, Paraquat, Prometryne, Simazine, Triazine, Weeds. Czech and Russian summaries.

CHEMICAL WEED CONTROL IN SUN-FLOWER CULTURES. IN: COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFERENCE, PRAGUE, JUNE 21-24, 1966. (RUS)

A Ulinich 175-186

1966 SB951.U8

Chemical control (weeds), Prometryne, Spraying, Sunflowers, Tables (data). Czech and German summaries.

CHEMICAL WEED CONTROL PROBLEMS IN OUTDOOR VEGETABLE GROWING. (DU

J Verlaat

Neth Dir Tuinbouw Mededel 31(617,JUN-

JUL):252-256

1968 86 N384

Chemical control (weeds), Plant physiology, Vegetables, Weeds. English summary.

HERBICIDES IN THE PERSPECTIVES OF 20 MONTHS AND 20 YEARS.

J A Wheeler

Science 161(3838):255-256

19 Jul 1968 470 SCI2

Brush control, Chemical control (weeds), Herbicides, Plant biochemistry, Time.

HARMLESSNESS OF HERBICIDES FOR THE BIOCENOSIS. IN: COLLECTION OF REPORTS GEVEN AT THE INTERNATIONAL HERBICIDE CONFERENCE, PRAGUE, JUNE 21-24, 1966. (GE)

A W Wojewodin

97-105 REF

1966 SB951.U8

Animals, Biocenosis, Ecology, Fungi, Herbicides, Insects, Plant biochemistry, Soil microorganisms, Tables (data). Czech and Russian summaries.

CHEMICAL CONTROL OF ANNUAL BLUEGRASS AS RELATED TO VERTICAL MOWING.

V B Youngner F J Nudge

Calif Turfgrass Cult 18(3):17-18

Jul 1968 60.18 S08

Bensulide, Chemical control (weeds), Grasses, Mowing, Poa annua.

OTHER PESTS

4092-69

DAMAGES DONE TO BEET SEEDS BY THE FOREST MOUSE (APODEMUS SYLVATICUS). (GE)

A von Horn

Gesunde Pflanzen 19(10):216

Oct 1967 464.8 G33

Beets, Chemical control (pests), Chlorinated hydrocarbons, Heptachlor, Rodents, Thiocarbamates, Thiram.

PHILIPPINE FIELD RATS AND THEIR CON-TROL.

J P Sumangil

Philippine Farms Gardens 5(9):4-5

Sep 1968 25 P5323

Biological control (pests), Chemical control (pests), Poisoning, Rats.

LIVESTOCK PROTECTION

ENUMERATION OF BACTERIA ON POULTRY CARCASS SKIN. (ABSTRACT).

J S Avens

Poultry Sci 47(5):1653

Sep 1968 47.8 AM33P

Bacteria, Poultry, Skin. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

ESTROGENIC ACTIVITY OF O,P'-DDT IN THE MAMMALIAN UTERUS AND AVIAN **UTERUS** OVIDUCT.

J Bitman H C Cecil S J Harris G F Fries Science 162(3851):371-372 REF

18 Oct 1968 470 SCI2

Animal physiology, Biochemistry, Birds, DDT, Estrogens, Mammals, Reproduction, Uterus.

NOTICE OF FILING OF PETITION FOR FOOD ADDITIVE RONNEL.

R E Duggan

Fed Regist 34(66):6259

08 Apr 1969 L1.451

Animal nutrition, Cattle, Food additives, Ronnel.

INTERACTION OF ANTIMYCIN A AND ROTENONE IN FISH BIOASSAYS.

LIVESTOCK PROTECTION

4098-69

R M Howland

Progr Fish-cult 31(1):33-34

Jan 1969 157.5 P94

Antimycin a, Biochemistry, Biological assay, Fish, Rotenone.

4098-69

FOOD ADDITIVES PERMITTED IN THE FEED AND DRINKING WATER OF ANIMALS OR FOR THE TREATMENT OF FOOD-PRODUCING ANIMALS. FOOD ADDITIVES PERMITTED IN FOOD FOR HUMAN CONSUMPTION. BUQUINOLATE.

J K Kirk

Fed Regist 34(66):6239

08 Apr 1969 L1.451

Buquinolate, Chickens, Food additives, Food consumption, Regulations.

THE ANABOLIC STEROIDS AND THEIR USE IN VETERINARY THERAPEUTICS. (FR)

J P S Pellerin

Alfort Ecole Nat Vet These (56):67P REF

1968 41.2 AL23

Dosage, Hormones, Metabolism, Pharmacology, Steroids, Therapeutics, Veterinary medicine.

THE INFLUENCE OF FEED AND WATER RESTRICTION AND PITRESSIN ADMINISTRATION UPON THYROXINE SECRETION IN DOMESTIC FOWL.

R P Penn T M Huston

Poultry Sci 47(5):1432-1437 REF

Sep 1968 47.8 AM33P

Chickens, Dehydration (physiological), Hormones, Pitressin, Radioactivity, Secretion, Starvation, Thyroid gland, Thyroxine.

4101-69

PAYZONE NITROVIN-A NEW GROWTH PROMOTER FOR POULTRY. (ABSTRACT).

J M Pensack A L Shor K L Simkins

Poultry Sci 47(5):1707-1708

Sep 1968 47.8 AM33P

Animal physiology, Chickens, Chlortetracycline, Food additives, Nitrovin. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

ABSTRACTS OF PAPERS PRESENTED AT THE 57TH ANNUAL MEETING OF THE POULTRY SCIENCE ASSOCIATION.

Poultry Sci 47(5):1651-1735 Sep 1968 47.8 AM33P Poultry, Reports, Societies.

4103-69

INFLUENCE OF PROTAMONE ON BONE FRAGILITY OF CAGED HENS. (ABSTRACT).

L O Rowland R H Harms Poultry Sci 47(5):1712 Sep 1968 47.8 AM33P

Animal nutrition, Animal physiology, Bones, Chickens, Dosage, Protamone. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4104-69

THE EFFECTS OF A SINGLE MASSIVE DOSE OF PHENYLHYDRAZINE ON DIFFERENT HEMATOLOGICAL TRAITS OF CHICKENS. (AB-STRACT).

K R Stino K W Washburn Poultry Sci 47(5):1722-1723 Sep 1968 47.8 AM33P

Animal physiology, Chickens, Dosage, Erythrocytes, Hematology, Phenylhydrazine. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4105-69

INFLUENCE OF VARIOUS CHELATING AGENTS ON ABSORPTION OF 60CO, 59FE, 54MN, AND 65ZN BY CHICKENS.

F A Suso H M Edwards Poultry Sci 47(5):1417-1425 REF Sep 1968 47.8 AM33P

Absorption, Biochemistry, Chelation, Chickens, Cobalt isotopes, Ethylenediaminetetraacetic acid, Iron isotopes, Magnesium, Tables (data), Zinc isotopes.

BIBLIOGRAPHY

THE EFFECTS OF RESERPINE ON THE REPRODUCTIVE PERFORMANCE OF BREEDER TURKEYS RECEIVING ARTIFICIAL INSEMINATION.

J F Tierce J C Gilbreath M A Maloney Poultry Sci 47(5):1403-1405

Sep 1968 47.8 AM33P

Animal breeding, Artificial Reproduction, Reserpine, Turkeys. insemination.

4107-69

ADIPOSE TISSUE IN CALVES AND LAMBS.

P Wensvoort

Pathol Vet 5(3):270-281 REF 1968 41.8 P27

Adipose tissue (animals), Animal histology, Calves, Lambs. German summary.

DISEASES

HEMAGGLUTININS INDUCED IN CHICKENS WITH MYCOPLASMA GALLISEPTICUM IN-FECTION. (ABSTRACT).

H E Adler

Poultry Sci 47(5):1651

Sep 1968 47.8 AM33P

Bacterial diseases (animals), Chickens, Hemagglutination, Mycoplasma gallisepticum, Poultry diseases. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association

22 PLANTS POISONOUS TO LIVESTOCK IN THE WESTERN UNITED STATES.

Usda Inform Bull (327):64P MAP

Apr 1968 1 AG84AB

Accident prevention, Livestock diseases, Mortality, Poisonous plants. The 22 poisonous plants are listed and described.

DUCK VIRUS ENTERITIS (DUCK PLAGUE). INTERSTATE MOVEMENT.

R J Anderson

Fed Regist 34(73):6573-6574

17 Apr 1969 L1.451

Ducks, Enteritis, Interstate commerce, Plague, Poultry diseases, Regulations, Vaccines, Virus diseases (animals).

INHERITED RESISTANCE TO SULFAQUINOX-ALINE TOXICITY IN THE CHICKEN. (AB-STRACT).

I A Arthur

Poultry Sci 47(5):1652-1653

Sep 1968 47.8 AM33P

Animal genetics, Chickens, Drugs, Immunity, Poultry diseases, Red water disease, Sulfaquinoxaline, Symptomatology. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

EMTRYL AND ANTIBIOTICS FOR TURKEY BREEDERS. (ABSTRACT).

S L Balloun D L Miller G M Speers A C Cox Poultry Sci 47(5):1653-1654

Sep 1968 47.8 AM33P

Animal nutrition, Antibiotics, Diet, Emtryl, Reproduction, Turkeys. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

HISTOLOGY OF VITAMIN A DEFICIENT CHICKS. (ABSTRACT).

R C Bayer D C Foss G A Donovan Poultry Sci 47(5):1654

Sep 1968 47.8 AM33P

Animal histology, Animal nutrition, Chicks, Deficiency diseases, Intestines, Poultry diseases, Tissue culture, Vitamin a. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4114-69

ENTEROTOXAEMIA OF CALVES EVOKED BY CLOSTRIDIUM PERFRINGENS TYPE B. (GE)

J Beer G Al-Khatib H Pilz

Monatsh Vet 23(1):18-25 REF

01 Jan 1968 41.8 M742

Cattle, Clostridium perfringens, Diagnosis, Enterotoxemia, Livestock diseases, Symptomatology. English and Russian summaries.

4115-69

TESTS ON LABORATORY ANIMALS AND ON TUBERCULAR COWS IN ORDER TO DETERMINE THE VALUE OF THE MORRUATO CUPRIC COLLOIDAL (GADUSAN) IN THE INTRADERMAL REACTION. (SP.)

J A Benitez L B Toranzos V G Aucar H Laffont

Veterinaria (corrientes) 1(3):41-58 REF

1965 41.8 V6465

Cattle, Dosage, Gadusan, Intradermal allergic test, Laboratory animals, Livestock diseases, Tuberculosis. English summary.

NEWCASTLE DISEASE VIRUS. CHARACTERISTICS OF A STRAIN (2425) ISOLATED IN CORDOBA, ARGENTINA IN 1961. II. COMPARATIVE STUDY OF IMMUNOLOGIC RELATIONSHIPS AND CELLULAR AFFINITIES. (SP

C M Rettinotti

Veterinaria (corrientes) 1(3):1-16 REF

1965 41.8 V6465

Absorption, Antigens, Chick embryos, Newcastle disease virus, Poultry diseases, Tissue culture, Virology. English summary.

COMPARISON OF ATTENUATED LIVE PASTEURELLA MULTOCIDA GIVEN IN DRINKING WATER TO AN OIL-BASE BAC-TERIN ADMINISTERED TO TURKEYS. (AB-STRACT).

B W Bierer W F Scott T H Eleazer

Poultry Sci 47(5):1655-1656

Sep 1968 47.8 AM33P

Bacterial diseases (animals), Bacterins, Oils, Pasteurella multocida, Poultry diseases, Statistical analysis, Turkeys, Vaccines, Water. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4118-69

EXPERIMENTAL CONTROL MYCOPLASMA MELEAGRIDIS IN TURKEYS BY THE TEMPERATURE DIFFERENTIAL DIPPING OF EGGS IN TYLOSIN AND SPIRAMYCIN. (ABSTRACT).

C H Bigland

Poultry Sci 47(5):1656

Sep 1968 47.8 AM33P

Bacterial diseases (animals), Disease control, Drug therapy, Mycoplasma meleagridis, Poultry diseases, Spiramycin, Temperature, Turkey eggs, Turkeys, Tylosin. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association. sociation.

4119-69

LATENT SKIN FUNGUS INFECTIONS IN ANIMALS AND THEIR IMPORTANCE FOR THE EPIDEMIOLOGY OF ANIMAL AND HUMAN DERMATOMYCOSES. (GE)

K H Bohm W Bisping
Deut Tierarztl Wochensch 75(19):473-476 REF 01 Oct 1968 41.8 D482

Animal diseases, Epidemiology, Fungi, Fungus diseases (animals), Human diseases, Ringworm, Skin diseases. English summary.

INFLUENCE OF DIETARY FAT, SOYBEAN MEAL TREATMENT AND ANTIBIOTIC SUP-

PLEMENTATION ON GROWTH OF CHICKS FED DIFFERENT CARBOHYDRATES.

G D Borgo J McGinnis

Poultry Sci 47(5):1612-1616 REF

Sep 1968 47.8 AM33P

Animal nutrition, Animal physiology, Antibiotics, Carbohydrates, Chicks, Diet, Fats, Food additives, Soybean meal.

SPONTANEOUS TUMORS OF THE BRAIN IN RATS: A REPORT OF 3 CASES.

GTAM Bots R Kroes V J Feron

Pathol Vet 5(3):290-296

1968 41.8 P27

Animal diseases, Brain, Neoplasms, Rats. German summary.

4122-69

NOTES ON TOXICOLOGY: THE CLOVER. (IT)

F Bottarelli

Veterinaria (milano) 17(2 MAR-APR):97-107 REF

1968 41.8 V6499

Clover, Drug therapy, Feed toxicity, Livestock, Poisonous plants, Symptomatology. The toxicity of alsike clover, crimson clover, red clover, white clover, subterranean clover is discussed.

REPRODUCTIVE ABNORMALITIES IN HENS DEFICIENT IN LINOLEIC ACID. (ABSTRACT). C C Calvert

Poultry Sci 47(5):1659

Sep 1968 47.8 AM33P

Animal abnormalities, Chickens, Deficiency diseases, Diet, Eggs, Linoleic acid, Reproduction. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

VIRULENCE, ADSORBABILITY, AND AN-TIGENICITY OF FOOT-AND-MOUTH DISEASE VIRUS SELECTED BY ADSORPTION WITH HOMOGENIZED MOUSE KIDNEY.

C H Campbell

Arch Gesamte Virusforsch 26(3):238-248 REF 1969 448.3 AR23

Adsorption, Antigens, Foot-and-mouth disease virus, Kidneys, Mice, Tissue culture, Virology.

CONTRIBUTION TO THE STUDY OF BOVINE MASTITIS DUE TO FUNGI. (FR

J-P P E Carbon

Alfort Ecole Nat Vet These (45):59P REF 1968 41.2 AL23

Antibiotics, Candida, Cattle, Cryptococcus, Deuteromycetes, Drug therapy, Epidemiology, Fungus diseases (animals), Livestock diseases, Mastitis, Symptomatology.

4126-69

OVINE GENITAL BRUCELLOSIS. EPIDID-MYTIS OF THE RAM (BRUCELLA OVIS). THE UTILIZATION OF A NEW ANTIGEN FOR THE COMPLEMENT FIXATION TEST AND IN-TRADERMAL REACTION. (SP)

V C F Cedro H O Cisale L M E de Benedetti Argent Repub Inst Nac Zoonosis Ser Tec (N s)(21):16P REF

1963 41.9 AR36

Allergens, Antigens, Brucella ovis, Brucellosis, Complement fixation, Livestock diseases, Rams, Sheep. English summary.

Reprint from: Revista de Investigaciones Ganaderas no. 16

LEPTOSPIROSIS IN ARGENTINA. DIFFUSION, MORBIDITY AND NOSOLOGICAL MAP. (SP) V C F Cedro R A Cacchione M J Bulgini E S

Argent Repub Inst Nac Zoonosis Ser Tec (N s)(2):317-336 MAP REF 1960 41.9 AR36

Agglutination test, Bacterial diseases (animals), Epidemiology, Leptospirosis, Livestock diseases, Symptomatology. English and French summaries.

Reprint from: Revista de Investigaciones Ganaderas no. 10.

PENETRATION AND DEVELOPMENT OF EIMERIA MAXIMA SPOROZOITES AND THE STATIC EFFECT OF DECOQUINATE. (AB-STRACT).

J R Challey C A Johnson Poultry Sci 47(5):1660

Sep 1968 47.8 AM33P

Bacterial diseases (animals), Chickens, Decoquinate, Drug therapy, Eimeria maxima, Macrophages, Poultry diseases, Sporozoa. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4129-69

OBSERVATIONS ON THE EFFECT OF THE RE-USE OF BROILER LITTER ON THE INCIDENCE OF MAREK'S DISEASE. (AB-STRACT).

G W Chaloupka R W Lloyd J F Gordy L M Greene

Poultry Sci 47(5):1660

Sep 1968 47.8 AM33P

Avian lymphomatosis, Bedding (livestock), Disease transmission, Epidemiology, Poultry diseases. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association

THE RELATION OF PROTEIN LEVEL OF ALFALFA MEALS TO THEIR VITAMIN K ACTIVITY. (ABSTRACT).

O W Charles E J Day

Poultry Sci 47(5):1660 Sep 1968 47.8 AM33P

Alfalfa meal, Animal nutrition, Anticoagulants, Chickens, Diet, Menadione, Proteins, Vitamin k. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

THE INFECTIOUS BURSAL AGENT AND PATHOLOGY OF THE DISEASE. (ABSTRACT).

Y Cho S A Edgar

Poultry Sci 47(5):1661 Sep 1968 47.8 AM33P

Chickens, Infectious bursal agent, Poultry diseases, Symptomatology. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science

Association.

4132-69 BIOCHEMICAL RESEARCH ON HOG CHOLERA. BEHAVIOR OF SOME ENZY-MATIC ACTIVITIES IN THE SERUM. (IT)

M Compagnucci F Martone

Acta Med Vet 13(5/6,SEP-DEC):267-302 REF 1967 41.8 AC84

Biochemistry, Enzymes, Hog cholera, Livestock diseases, Serum, Swine. English and french summa-

4133-69

INVESTIGATION OF SOME ENZYMATIC ACTIVITIES (GOT, GPT, ALDOLASE, LDH, LDP, SDH) IN THE LIQUID AMNIO-ALLANTOIDS OF HEALTHY CHICK EMBRYOS OR THOSE INFECTED WITH NEWCASTLE DISEASE

M Compagnucci E Biondi A Vaccaro Acta Med Vet 13(5/6,SEP-DEC):303-319 REF

1967 41.8 AC84

Amniotic fluid, Chick embryos, Enzymes, Newcastle disease, Poultry diseases, Virus diseases (animals). English and French summaries.

THE INTERACTION OF A NONPATHOGENIC MYCOPLASMA SP. (TU) WITH MYCOPLASMA GALLISEPTICUM, AND NEWCASTLE DISEASE VIRUS IN THE AVIAN RESPIRATORY TRACT. (ABSTRACT).

R E Corstvet F Richter N Matzer

Poultry Sci 47(5):1663

Sep 1968 47.8 AM33P

Bacterial diseases (animals), Mycoplasma, Mycoplasma gallisepticum, Newcastle disease virus, Poultry diseases, Respiratory system, Virus diseases (animals). Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4135-69

AFLATOXIN STUDIES WITH WHITE ROCK CHICKENS. (ABSTRACT).

G J Cottier C H Moore U L Diener N D Davis

Poultry Sci 47(5):1663

Sep 1968 47.8 AM33P

Aflatoxin, Animal nutrition, Animal physiology, Chickens, Diet. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4136-69

THE PATHOLOGY OF AVIAN OSTEODYS-TROPHY. (ABSTRACT).

R R Dahlgren

Poultry Sci 47(5):1665

Sep 1968 47.8 AM33P

Bone diseases, Lesions, Osteodystrophy, Poultry diseases, Symptomatology. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

A CASE OF BILATERAL POLYCYSTIC KIDNEYS IN A CAT. (IT)

S Damiano

Acta Med Vet 13(5/6,SEP-DEC):349-361 REF 1967 41.8 AC84

Animal anatomy, Animal diseases, Animal histology, Cats, Cysts, Inflammation, Kidneys, Uremia. English and French summaries.

CHRONIC FOLLICULAR HYPERTROPHIC-HYPERPLASTIC GASTRITIS IN A DOG. (IT) S Damiano

Acta Med Vet 13(5/6,SEP-DEC):363-382 REF 1967 41.8 AC84

Animal diseases, Dogs, Gastritis, Gastrointestinal diseases, Uremia. English and French summaries.

EVALUATION OF VARIOUS BIRD-RESISTANT AND NON-RESISTANT VARIETIES OF GRAIN SORGHUM FOR USE IN BROILER DIETS.

B L Damron G M Prine R H Harms Poultry Sci 47(5):1648-1650

Sep 1968 47.8 AM33P

Animal nutrition, Birds, Chickens, Crop varieties, Diet, Immunity, Sorghum.

4140-69

EFFECT OF ENERGY-PROTEIN BALANCE, ENERGY INTAKE AND METHIONINE ON GROWTH AND BODY COMPOSITION OF DUCKLINGS. (ABSTRACT).

W F Dean

Poultry Sci 47(5):1665-1666

Sep 1968 47.8 AM33P

Animal nutrition, Animal physiology, Ducklings, Energy, Methionine, Proteins. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

HYGIENE AND ANIMAL DISEASES IN DEUX-SEVRES (REGION OF COULONGES-SUR-L'AU-TIZE). (FR)

J-M J Debenest

Alfort Ecole Nat Vet These (33):62P MAP REF 1968 41.2 AL23

Actinomycosis, Agriculture, Animal diseases, Animal nutrition, Cattle, Climate, Environment, Hygiene, Livestock, Livestock diseases, Parasitism, Population. Many other diseases of cattle are briefly discussed.

LIVESTOCK PROTECTION

4142-69

4142-69

NOTICE OF FILING OF PETITION FOR FOOD ADDITIVE DIETHYLSTILBESTROL.

R E Duggan

Fed Regist 34(73):6625

17 Apr 1969 L1.451

Animal nutrition, Cattle, Diethylstilbestrol, Food additives, Regulations.

NOTICE OF FILING OF PETITION FOR FOOD ADDITIVES.

R E Duggan

Fed Regist 34(77):6806

23 Apr 1969 L1.451

Bacitracin methylenedisalicylic acid, Chickens, Coccidiosis, Drugs, Feed, Food additives, Growth factors, Nitro-4-hydroxyphenylarsonic acid, 3-, Poultry diseases, Regulations.

NOTICE OF FILING OF PETITION FOR FOOD ADDITIVE NITRODAN.

R E Duggan

Fed Regist 34(66):6259

08 Apr 1969 L1.451

Ancylostoma caninum, Dogs, Food additives, Nematodes, Nitrodan, Regulations, Toxocara canis.

FACTORS RELATED TO IMMUNITY OF CHICKENS TO COCCIDIOSIS. (ABSTRACT).

S A Edgar C Flanagan K F Tam D Bond Poultry Sci 47(5):1668

Sep 1968 47.8 AM33P

Animal breeding, Animal physiology, Coccidiosis, Eimeria, Immunity, Poultry diseases. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

CALF FATTENING TRIALS WITH ORAL ADMINISTRATION OF ABDELIN ACID, AUREO-MYCIN AND CHLORAMPHENICOL, UNDER CONTROLLED ENVIRONMENTAL CONDI-TIONS. (GE)

R J Eggenhofer

Munich Univ Tierarztl Fak(inaug.-diss) (53):120P REF

1967 41.2 M9222

Abdelin acid, Animal nutrition, Calves, Chloramphenicol, Chlortetracycline, Fattening. English summary.

STUDIES ON ACUTE MAREK'S DISEASE. 9. RESISTANCE TO MD BY INOCULATION WITH THE GA ISOLATE.

C S Eidson K W Washburn S C Schmittle

Poultry Sci 47(5):1646-1648

Sep 1968 47.8 AM33P

Avian lymphomatosis, Immunity, Lesions, Mortality, Poultry diseases, Virus diseases (animals).

4148-69

DISINFECTION IN PARASITOSES. (GE)

K Enigk P Hilbrich

Deut Tierarztl Wochensch 75(19):488-492 REF 01 Oct 1968 41.8 D482

Antiseptics, Ascaris, Carbon disulfide, Coccidiosis, Lipids, Livestock diseases, Parasitism, Stables, Veterinary medicine, Waxes. English summary.

THE AMINO ACID DEFICIENCIES OF BLOOD MEAL FOR THE CHICK.

H Fisher

Poultry Sci 47(5):1478-1481

Sep 1968 47.8 AM33P

Amino acids, Animal nutrition, Blood meal, Chicks, Deficiency diseases, Proteins.

ALLERGY TESTS AND FALSE REACTIONS IN THE PREVENTION OF BOVINE TUBERCULO-SIS. (IT)

P Galati S Damiano A Zacchi

Acta Med Vet 13(5/6,SEP-DEC):425-433

1967 41.8 AC84

Allergies, Cattle, Diagnosis, Tuberculin test. English, French and German summaries.

EFFECT OF METHIONINE ON A GROWTH DEPRESSION INDUCED BY SUPPLEMENTING A CORN-SOYBEAN MEAL DIET WITH A COR

E E Gardiner E W Agudu Poultry Sci 47(5):1631-1632

Sep 1968 47.8 AM33P

Animal nutrition, Animal physiology, Diet, Food additives, Lysine, Methionine, Soybean meal.

KALE ANAEMIA IN RUMINANTS. I. SURVEY OF THE LITERATURE AND EXPERIMENTAL INDUCTION OF KALE ANAEMIA IN LACTAT-

C A Grant P Holtenius G Jonsson C B Thorell Acta Vet Scand 9(2):126-140 REF

1968 41.8 AC87

Anemia, Cattle, Feeding, Hematologic diseases, Kale, Lactation, Livestock diseases, Ruminants. German and Swedish summaries.

PROTEINS BEFORE AND AFTER INOCULATION WITH RSV. (ABSTRACT).

N R Gyles J E Turner C J Brown

Poultry Sci 47(5):1677

Sep 1968 47.8 AM33P

Neoplasms, Poultry diseases, Proteins, Rous sar-coma virus, Virus diseases (animals). Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

A MENINGIOMA IN A CAT ASSOCIATED WITH EROSION OF THE SKULL.

P H Hague M J Burridge Vet Rec 84(9):217-219 REF

01 Mar 1969 41.8 V641

Animal diseases, Cats, Etiology, Neoplasms, Skull.

DIETARY MAGNESIUM REQUIREMENT OF THE LAYING HEN. (ABSTRACT).

R N Hajj J L Sell

Poultry Sci 47(5):1677 Sep 1968 47.8 AM33P

Animal histology, Animal nutrition, Chickens, Diet, Dosage, Magnesium. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

SULFUR AMINO ACID REQUIREMENT OF LAYING HENS. (ABSTRACT).

R H Harms B L Damron Poultry Sci 47(5):1678

Sep 1968 47.8 AM33P

Amino acids, Animal nutrition, Chickens, Diet, Eggs, Methionine, Productivity, Sulfur. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

EPIZOOTIOLOGY OF INFLUENZA IN TURKEYS. (ABSTRACT).

P J Homme B C Easterday Poultry Sci 47(5):1682

Sep 1968 47.8 AM33P

Epizootic diseases, Influenza, Poultry diseases, Turkeys, Virus diseases (animals). Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

THE EFFICACY OF TRANS AND CIS VITAMIN A. (ABSTRACT).

F G Hooper J R Couch C R Creger

Poultry Sci 47(5):1682

47.8 AM33P

Animal nutrition, Chicks, Deficiency diseases, Isomers, Poultry diseases, Vitamin a. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4159-69

ANIMAL FOOD COMPOSITION. PATENT 3,428,457.

H D Hutchinson

Us Patent Office Offic Gaz 859(3):889 18 Feb 1969 156.65 OF2

Anemia, Animal nutrition, Deficiency diseases, Food, Iron, Patents, Swine.

ORAL THERAPY OF DIABETES MELLITUS IN DOGS WITH GLYCODIAZIN. (GE

K Jeddicke

Deut Tierarztl Wochensch 75(19):482-483

01 Oct 1968 41.8 D482

Animal diseases, Diabetes, Dogs, Drug therapy, Erythromycin, Pancreas. English summary.

RELATIONSHIP OF BIOTIN TO LEG WEAK-NESS IN TURKEYS. (ABSTRACT).

L S Jensen R Martinson

Poultry Sci 47(5):1684-1685

Sep 1968 47.8 AM33P

Animal nutrition, Biotin, Deficiency diseases, Diet, Legs, Poultry diseases, Turkeys. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

ACTIVITY OF DECOQUINATE AGAINST FIELD STRAINS OF CHICKEN COCCIDIA. (ABSTRACT).

C A Johnson H E Plank M A Darling

Poultry Sci 47(5):1685 Sep 1968 47.8 AM33P

Chickens, Coccidiosis, Decoquinate, Eimeria, Poultry diseases. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science As-

4163-69

FLOOR PEN EVALUATIONS OF THE ANTICOCCIDIAL EFFECTS OF DECOQUINATE ON SINGLE AND MIXED SPECIES OF CHICKEN COCCIDIA. (ABSTRACT).

C A Johnson H Plank R Smeltzer P Halstead

Poultry Sci 47(5):1685

Sep 1968 47.8 AM33P Coccidiosis, Decoquinate, Drug therapy, Eimeria, Poultry diseases. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

C -TYPE VIRAL PARTICLES IN PLASMA OF CATS WITH FELINE LEUKEMIA.

T G Kawakawi G H Theilen D L Dungworth R J Munn S G Beall

Science 158(3804):1049-1050 REF

24 Nov 1967 470 SC12

Blood plasma, Cats, Electron microscopy, Leukemia, Virology, Virus diseases (animals).

PATHOGENESIS OF INFECTIOUS SYNOVITIS IN GNOTOBIOTIC CHICKENS. (ABSTRACT).

K M Kerr C H Bridges Poultry Sci 47(5):1687

Sep 1968 47.8 AM33P

Chickens, Germ-free life, Infectious synovitis, Lesions, Poultry diseases. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

POLYVALENT PARAINFLUENZA CF AN-TIGEN FOR SERODIAGNOSIS.

H J van K Kok-Doorschodt F M de Ronde-Verloop R Gispen

Arch Gesamte Virusforsch 24(4):312-318 Sep 1968 448.3 AR23

Antigens, Parainfluenza, Serodiagnosis, Virus diseases (animals).

4167-69

HEMAGGLUTINATION INHIBITING ANTIBODIES TO ARBOVIRUSES IN THE POPU-

LATION OF HAJDU-BIHAR DISTRICT, HUNGARY.

M Koller M Gresikova Gy Berencsy M Schablik Folia Parasitol 16(1):75-79 MAP 1969 436.8 C33

Antibodies, Arboviruses, Hemagglutination-inhibition test, Human diseases, Insect vectors, Rabbits, Tahyna virus, West nile virus.

ISOLATION OF THE TICK-BORNE ENCEPHALITIS VIRUS FROM THE SQUIRREL SCIURUS VULGARIS.

J M Kolman

Folia Parasitol 16(1:80

1969 436.8 C33

Insect vectors, Russian spring-summer encephalitis, Serological tests, Squirrels, Virus diseases (animals).

EFFECT OF NITROFURAZONE AND FURAZOLIDONE ON REPRODUCTION IN CHICKENS.

P A Kondra W Guenter

Poultry Sci 47(5):1642-1643

Sep 1968 47.8 AM33P

Chickens, Drug therapy, Eggs, Furazolidone, Nitrofurazone, Productivity, Reproduction.

SEROLOGICAL TYPING OF MYCOBACTERIA FOR TRACING POSSIBLE SOURCES OF AVIAN MYCOBACTERIAL INFECTIONS IN MAN.

M Kubin E Matuskova

World Health Organ Bull 39(5):657-662 MAP

1968 449.9 W 892B

Agglutination test, Animal vectors, Bacterial diseases (animals), Human diseases, Mycobacterium avium, Poultry, Serological tests, Tuberculosis. French summary.

4171-69

CONTROL OF MYCOPLASMA MELEAGRIDIS INFECTION IN TURKEYS. (ABSTRACT).

M C Kumar J A Newman S H Kleven B S Pomeroy

Poultry Sci 47(5):1688

Sep 1968 47.8 AM33P

Air saculitis, Bacterial diseases (animals), Dipping, Disease control, Disease transmission, Eggs, Mycoplasma meleagridis, Poultry diseases, Turkeys, Tylosin tartrate. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

TOWARDS THE ERADICATION OP BOVINE TUBERCULOSIS. (GE)

J-J E P F Le Gouis

Alfort Ecole Nat Vet These (90):92P REF

1968 41.2 AL23

Bacterial diseases (animals), Bacteriology, Cattle, Diagnosis, Livestock diseases, Serological tests, Symptomatology, Tuberculin, Tuberculosis.

4173-69

EMBRYOSTAT (OXYTETRACYCLINE POWDER). DRUGS FOR VETERINARY USE, DRUG EFFICACY STUDY IMPLEMENTATION.

H L Ley

Fed Regist 34(71):6494

15 Apr 1969 L1.451

Cattle, Dosage, Drug therapy, Drugs, Livestock diseases, Metritis, Oxytetracycline, Regulations, Veterinary medicine.

NICARBAZIN. DRUGS FOR VETERINARY USE; DRUG EFFICACY STUDY IMPLEMENTA-

H L Ley

Fed Regist 34(71):6495

15 Apr 1969 L1.451

Chickens, Coccidiosis, Dosage, Drug therapy, Drugs, Nicarbazin, Poultry diseases, Regulations, Veterinary medicine.

SODIUM PROPIONATE. DRUGS FOR VETERINARY USE; DRUG EFFICACY STUDY IMPLEMENTATION.

H L Ley

Fed Regist 34(66):6260-6261

08 Apr 1969 L1.451

Cattle, Drugs, Ketosis, Livestock diseases, Sodium propionate, Veterinary medicine.

SPOHN'S UDDER AID. DRUGS FOR VETERI-NARY USE; DRUG EFFICACY STUDY IMPLE-MENTATION.

H L Ley

Fed Regist 34(34,PT 1):2366

19 Feb 1969 L1.451

Dairy cattle, Dosage, Drugs, Livestock diseases, Udders, Veterinary medicine.

DEXTRAN 6 PERCENT W/V IN SALINE (PLASMA VOLUME EXPANDER). DRUGS FOR VETERINARY USE; DRUG EFFICACY STUDY IMPLEMENTATION.

Fed Regist 34(66):6260

08 Apr 1969 L1.451

Animals, Blood plasma, Dextrans, Dosage, Drugs, Veterinary medicine.

SULFISOXAZOLE. DRUGS FOR VETERINARY USE; DRUG EFFICACY STUDY IMPLEMENTA-TION.

H L Ley

Fed Regist 34(34,PT 1):2367

19 Feb 1969 L1.451

Bacterial diseases (animals), Drugs, Sulfisoxazole, Veterinary medicine.

4179-69

NYSTATIN FOR FEED FORMULATION. DRUGS FOR VETERINARY USE. DRUG EFFICACY STUDY IMPLEMENTATION.

Fed Regist 34(66):6259-6260

08 Apr 1969 L1.451

Dosage, Drugs, Formulations, Nystatin, Veterinary

SULFADIMETHOXINE INJECTABLE. DRUGS FOR VETERINARY USE; DRUG EFFICACY STUDY IMPLEMENTATION.

H L Ley

Fed Regist 34(66):6261

08 Apr 1969 L1.451

Bacterial diseases (animals), Cats, Dogs, Drugs, Horses, Sulfadimethoxine, Swine, Veterinary medicine.

4181-69

PROGRESS OF THE SOVIET VIROLOGY IN FOOT-AND-MOUTH DISEASE STUDIES. (RUS)

N V Likhachev

Sel'skokhozyast Biol 2(6):814-823

1967 S13.S44

Complement fixation, Diagnosis, Foot-and-mouth disease, Immunization, Serological tests, Tissue culture, Vaccines, Virology, Virus diseases (animals). English summary.

DISSEMINATED GEOTRICHOSIS IN A DOG.

S D Lincoln J L Adcock Pathol Vet 5(3):282-289 REF

1968 41.8 P27

Animal histology, Dogs, Fungus diseases (animals), Geotrichum candidum. German summary.

4183-69

AN IMPROVEMENT OF THE INDIRECT FLUORESCENT ANTIBODY TEST FOR THE DIAGNOSIS OF INTRAERYTHROCYTIC PARASITIC INFECTIONS. (GE

K F Lohr J P J Ross

Z Tropenmed Parasitol 19(4):427-430 REF

Dec 1968 448.8 Z37

Anaplasma, Animal diseases, Antigens, Babesia, Diagnosis, Disease transmission, Erythrocytes, Fluorescent antibody technic, Parasitism, Serum. English summary.

4184-69

GLYCEMIA IN DOGS. (SP)

R D Lori

Veterinaria (corrientes) 1(3):17-24 REF

1965 41.8 V6465

Animal diseases, Dogs, Glycemia, Pentobarbital sodium. English and French summaries.

4185-69

SAFETY AND COMPATABILITY OF SULFADIMETHOXINE POTENTIATED MIXTURE (RO 5-0013), A NEW BROAD SPECTRUM COCCIDIOSTAT-ANTIBACTERIAL, IN CHICKENS. (ABSTRACT).

W L Marusich E Ogrinz M Brand M Mitrovic

Poultry Sci 47(5):1692-1693 Sep 1968 47.8 AM33P

Accident prevention, Bacterial diseases (animals), Bactericides, Chickens, Coccidiosis, Drug therapy, Poultry diseases, Pyrimidines, Sulfadimethoxine, Sulfanilamide. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association. sociation.

4186-69

OVARIAN CYSTS IN CATTLE AND ITS THERAPY WITH GESTAFORTIN AND PROLAN PREPARATIONS. (GE)

F Marx

Hanover Tierarztl Hochsch Inang Diss (64):48P REF

1967 41.2 H198

Cattle, Drug therapy, Hormones, Livestock diseases, Ovarian cysts, Pregnancy, Prolan.

GROWTH DEPRESSING EFFECT OF EXCESS LEUCINE IN RELATION TO THE AMINO ACID COMPOSITION OF THE DIET. (AB-STRACT).

D Mathieu H M Scott

Poultry Sci 47(5):1694

Sep 1968 47.8 AM33P Amino acids, Animal nutrition, Animal physiology, Chickens, Diet, Leucine. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

PURIFICATION, ULTRASTRUCTURE, AND COMPOSITION OF AXIAL FILAMENTS FROM LEPTOSPIRA.

R K Mauman S C Holt C D Cox J Bacteriol 98(1):264-280 REF

Apr 1969 448.3 J82

Biochemistry, Cytology, Electron microscopy, Leptospira, Morphology, Ultrastructure.

4189-69

TOXOPLASMA INFECTION: SOME FACTORS POSSIBLY CONTRIBUTING TO THE MECHANISM OF TOXOPLASMIC INFECTION. (SP)

H F Mayer

Veterinaria (corrientes) 1(3):33-40

1965 41.8 V6465

Animal diseases, Mice, Toxoplasma gondii, Toxoplasmosis. English and French summaries.

EFFECT OF PHYTATE ON THE APPARENT CALCIUM REQUIREMENTS OF CHICKS. (AB-STRACT).

J J McGillivary T S Nelson Poultry Sci 47(5):1695

Sep 1968 47.8 AM33P

Animal nutrition, Animal physiology, Calcium, Chelation, Chicks, Diet, Phytates. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

THE EPIZOOTIOLOGICAL IMPORTANCE OF FOOT-AND-MOUTH DISEASE CARRIERS. II. THE CARRIER STATUS OF CATTLE EXPOSED TO FOOT-AND-MOUTH DISEASE FOLLOW-ING VACCINATION WITH AN OIL ADJUVANT INACTIVATED VIRUS VACCINE.

J W McVicar P Sutmoller

Arch Gesamte Virusforsch 26(3):217-224 REF 1969 448.3 AR23

Animal vectors, Cattle, Foot-and-mouth disease, Immunization, Livestock diseases, Vaccines, Virus diseases (animals).

4192-69

THE LINOLEIC ACID REQUIREMENT OF THE HEN FOR REPRODUCTION. (ABSTRACT).

H Menge

Poultry Sci 47(5):1695

Sep 1968 47.8 AM33P

Animal nutrition, Chickens, Deficiency diseases, Linoleic acid, Poultry diseases, Reproduction. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

EFFECTS OF CALCIUM LEVELS IN PULLET DEVELOPERS. (ABSTRACT).

G B Meyer S W Babcock M L Sunde

Poultry Sci 47(5):1695

Sep 1968 47.8 AM33P

Animal nutrition, Animal physiology, Calcium, Chickens, Diet. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science As-

4194-69

THE MYCOTIC ABORTIONS IN THE COW. (FR)

P A Michelin

Alfort Ecole Nat Vet These (23):58P REF 1968 41.2 AL23

Abortion, Cattle, Diagnosis, Epidemiology, Fungus diseases (animals), Livestock diseases, Mycology, Symptomatology.

4195-69

INVESTIGATIONS ON COCCIDIA IN ZOO RU-MINANTS. (GE)

K Minck

Munich Univ Tierarztl Fak(inaug.-diss) (10):47P REF

1968 41.2 M9222

Bacterial diseases (animals), Coccidiosis, Eimeria, Excretion, Feces, Ruminants, Zoo animals. English

4196-69

ANTICOCCIDIAL **ACTIVITY** SULFADIMETHOXINE POTENTIATED MIX-TURE (RO 5-0013) IN CHICKENS.

M Mitrovic E G Schildknecht G Fusiek

Poultry Sci 47(5):1697

Sep 1968 47.8 AM33P

Chickens, Coccidiosis, Dosage, Drug therapy, Eimeria, Poultry diseases, Sulfadimethoxine, Sulfanilamide. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4197-69

ANTIBACTERIAL ACTIVITY OF SULFADIMETHOXINE POTENTIATED MIX-TURE (RO 5-0013). (ABSTRACT).

M Mitrovic G Fusiek E G Schildknecht

Poultry Sci 47(5):1697

Sep 1968 47.8 AM33P

Bacterial diseases (animals), Bactericides, Dosage, Drug therapy, Poultry diseases, Sulfadimethoxine, Sulfanilamide. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4198-69

THE USE OF SEROLOGIC METHODS FOR THE CONTROL OF MYCOPLASI MELEAGRIDIS IN TURKEYS. (ABSTRACT). **MYCOPLASMA**

Y S Mohamed E H Bohl

Poultry Sci 47(5):1697-1698

Sep 1968 47.8 AM33P

test, Agglutination Antibodies, Dipping, Mycoplasma meleagridis, Poultry diseases, Serological tests, Turkey eggs, Turkeys, Tylosin. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

THE THREONINE REQUIREMENT OF THE PULLET AND ADULT HEN. (ABSTRACT).

E T Moran J D Summers Poultry Sci 47(5):1698

Sep 1968 47.8 AM33P

Animal nutrition, Animal physiology, Chickens, Diet, Threonine. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

CONTRIBUTION TO THE STUDY OF THE TREATMENT OF BOVINE KETOSIS. (FR)

D M Moreau

Alfort Ecole Nat Vet These (13):47P REF

1968 41.2 AL23

Adrenal cortex hormones, Biochemistry, Cattle, Coenzyme a, Drug therapy, Insulin, Ketosis, Livestock diseases, Symptomatology.

EPIDEMIOLOGICAL ANALYSIS OF DISEASE REPORTS OF THE SOUTHERN CONFERENCE ON AVIAN DISEASES. (ABSTRACT).

C D Murphy

Poultry Sci 47(5):1700

Sep 1968 47.8 AM33P

Conferences, Diagnosis, Epidemiology, Poultry diseases, Reports. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science As-

4202-69

A SURVEY OF BRUCELLA INFECTION OF CATTLE IN KENYA. A COMPARISON OF FOUR SEROLOGICAL TESTS FOR THE DIAGNOSIS OF INFECTION.

L K Nagy A O Sorheim Vet Rec 84(3):65-67

18 Jan 1969 41.8 V641

Brucellosis, Cattle, Diagnosis, Livestock diseases, Serological tests, Surveys.

DIETARY AMINO ACIDS AND MUSCULAR DYSTROPHY. (ABSTRACT).
S P Netke J G Velu H M Scott

Poultry Sci 47(5):1701

Sep 1968 47.8 AM33P

Amino acids, Animal nutrition, Chickens, Diet, Muscular dystrophy, Poultry diseases. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4204-69

EFFECT OF ASCORBIC ACID WITHDRAWAL ON INTERIOR EGG QUALITY. (ABSTRACT).

C F Nockels R B Herrick J V Shutze

Poultry Sci 47(5):1702

Sep 1968 47.8 AM33P

Animal nutrition, Ascorbic acid, Chickens, Diet, Eggs, Vitamin e. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4205-69

STUDIES ON THE SODIUM REQUIREMENTS OF CHICKS. (ABSTRACT).

H Nott G F Combs Poultry Sci 47(5):1702

Sep 1968 47.8 AM33P

Animal nutrition, Chickens, Diet, Sodium, Sodium chloride. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association

4206-69

AMINO ACIDS VERSUS PROTEIN IN LOW PROTEIN CAGE-LAYER DIETS. ABSTRACT).

E J Novacek C W Carlson Poultry Sci 47(5):1702-1703

Sep 1968 47.8 AM33P

Amino acids, Animal cages, Animal nutrition, Chickens, Deficiency diseases, Diet, Poultry diseases, Proteins. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science As-

sociation.

4207-69 AMINO ACIDS AND ISONITROGENOUS TURKEY STARTER DIETS. (ABSTRACT).

E J Novacek C W Carlson Poultry Sci 47(5):1703

Sep 1968 47.8 AM33P

Amino acids, Animal nutrition, Animal physiology, Deficiency diseases, Diet, Nitrogen, Poultry diseases, Turkeys. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

EPITHELIAL CHANGES IN PORCINE EXUDATIVE EPIDERMITIS; THE LIGHT-MICROSCOPICAL PICTURE.

A L Obel

Pathol Vet 5(3):253-269 REF

1968 41.8 P27

Baby pigs, Epithelium, Exudative epidermitis, Livestock diseases, Microscopy. German summary.

A CONTRIBUTION TO THE PROPHYLACTIC USE OF GAMMATONIN IN CALVES. (GE)

Hanover Tierarztl Hochsch Inang Diss (38):35P REF

1967 41.2 H198

Biuret test, Calves, Electrophoresis, Gamma globulins, Injections, Livestock diseases.

COBALT AND VITAMIN C FOR CHICKS. (AB-STRACT).

J D Olson E W Kienholz Poultry Sci 47(5):1704

Sep 1968 47.8 AM33P Animal nutrition, Animal physiology, Ascorbic acid, Chickens, Cobalt, Diet, Food additives, Proteins. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Associa-

4211-69

OBSERVATIONS ON SEPTICEMIA OF CAT-TLE CAUSED BY A HAEMOPHILUS-LIKE OR-GANISM.

R J Panciera R R Dahlgren H B Rinker Pathol Vet 5(3):212-226

1968 41.8 P27

Animal histology, Cattle, Haemophilus, Livestock diseases, Microbiology, Septicemia, Symptomatology. German summary.

THE EFFECT OF ADDED ENERGY ON INDUCED MYCOPLASMA GALLISEPTICUM INFECTION IN BROILERS. (ABSTRACT).

R T Parkhurst T H Vardaman J G Griffin

Poultry Sci 47(5):1706

Sep 1968 47.8 AM33P

Animal nutrition, Bacterial diseases (animals), Chickens, Diet, Energy, Mycoplasma gallisepticum, Poultry diseases. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

LYMPHOEPITHELIAL TISSUES OF THE IN-TESTINE AND DIFFERENTIATION OF ANTIBODY PRODUCTION.

DY E Perey Cooper RA Good

Science 161(3838):265-266 REF

19 Jul 1968 470 SC12

Animal physiology, Antibodies, Brucella abortus, Epithelium, Intestines, Liver, Lymph nodes, Rabbits, Tissues.

FIELD SIGNIFICANCE OF MYCOPLASMA MELEAGRIDIS INFECTION. (ABSTRACT).

1 L Peterson

Poultry Sci 47(5):1708-1709

Sep 1968 47.8 AM33P

Bacterial diseases (animals), Chickens, Dipping, Eggs, Mycoplasma meleagridis, Poultry diseases, Tylosin. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Associa-

4215-69

PATHOGENESIS OF AND RECOVERY FROM RESPIRATORY SYNCYTIAL AND INFLUENZA INFECTIONS IN FERRETS.

C A Pinto R F Haff R C Stewart

Arch Gesamte Virusforsch 26(3):225-237 REF 1969 448.3 AR23

Ferrets, Influenza, Pathogenesis, Respiratory diseases, Respiratory syncytial virus, Virology, Virus diseases (animals).

4216-69

BACTERIAL CONTAMINATION AND PER-FORMANCE OF LEGHORN BREEDERS ON SLOPING WIRE VERSUS LITTER FLOORS. (ABSTRACT).

C L Quarles G O Bressler R F Gentry

Poultry Sci 47(5):1709

Sep 1968 47.8 AM33P

Bacterial diseases (animals), Bedding (livestock), Chickens, Eggs, Poultry diseases. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

THE ANIMAL ADENOVIRUSES. (FR)

P M Quinart

Alfort Ecole Nat Vet These (12):70P REF 1968 41.2 AL23

Adenoviruses, Birds, Cattle, Humans, Mice, Monkeys, Swine, Virology, Virus diseases (animals).

BUQUINOLATE-A REVIEW.

T V Raines

Poultry Sci 47(5):1425-1432 REF

Sep 1968 47.8 AM33P

Buquinolate, Chickens, Coccidiosis, Dosage, Drug therapy, Eimeria, Food additives, Poultry diseases, Testing

4219-69

COTTONSEED MEAL, LYSINE, METHIONINE FOR LAYERS. (ABSTRACT).

R H Roberson D W Francis Poultry Sci 47(5):1711

Sep 1968 47.8 AM33P

Animal nutrition, Chickens, Cottonseed meal, Eggs, Lysine, Methionine, Proteins, Soybean meal. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

USE OF CHICKS TO MEASURE AVAILABILI-TY OF IRON. (ABSTRACT).

T Roberts J W Boehne J C Fritz

Poultry Sci 47(5):1711

Sep 1968 47.8 AM33P

Animal nutrition, Ethylenediaminetetraacetic acid, Iron. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4221-69

SPECIFICITY OF THE CHICK'S REQUIRE-MENT FOR CHOLINE. (ABSTRACT).

T Roberts J C Fritz Poultry Sci 47(5):1711 Sep 1968 47.8 AM33P Animal nutrition, Chicks, Choline, Diet, Methionine, Perosis, Poultry diseases. Abstract of paper presented at the 57th Annual meeting of the Poultry Science Association.

FUMIGATION AND REUSE OF BROILER LITTER. (ABSTRACT).

E Ross

Poultry Sci 47(5):1711-1712

Sep 1968 47.8 AM33P

Animal physiology, Bacterial diseases (animals), Bedding (livestock), Chemical control (animal diseases), Chicks, Fumigation, Methyl bromide, Mortality, Poultry diseases. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science

INFLUENCE ON EGG QUANTITY AND QUALITY WITH SORGHUM GRAIN DIETS SUPPLEMENTED WITH CORN OIL AND/OR FU-RAZOLIDONE. (ABSTRACT).

P E Sanford B S Rathore

Poultry Sci 47(5):1714

Sep 1968 47.8 AM33P

Animal nutrition, Corn oil, Diet, Eggs, Food additives, Furazolidone, Productivity, Sorghum. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

EFFECT OF MGA ON BODY WEIGHT, BODY FAT AND FATTY ACID COMPOSITION OF CHICKENS. (ABSTRACT).

N G Sauer D A Cramer J V Shutze

Poultry Sci 47(5):1715

Sep 1968 47.8 AM33P

Animal nutrition, Animal physiology, Chickens, Fatty acids, Food additives, Melengestrol acetate. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

SHELL QUALITY EFFECT ON SALMONELLA PENETRATION. (ABSTRACT).

E A Sauter C F Petersen

Poultry Sci 47(5):1715

Sep 1968 47.8 AM33P

Bacterial diseases (animals), Dipping, Eggs, Permeability, Poultry diseases, Salmonella. Ab-stract of paper presented at the 57th Annual Meet-ing of the Poultry Science Association.

SPONTANEOUS TUMORS IN HOLTZMAN-SOURCE RATS OF VARIOUS AGES.

J L Schardein J E Fitzgerald D H Kaump Pathol Vet 5(3):238-252 REF

1968 41.8 P27

Animal diseases, Neoplasms, Rats, Statistical analysis. German summary.

4227-69

EPIZOOTICS OF TRICHINOSIS IN PIGS AND ITS RELATION WITH ANTI-RAT PROCEDURES USING WARFARIN. (SP)

H Schenone J Carrasco F Villarroel R Chinchon J Urriola

Bol Chileno Parasitol 22(4,OCT-DEC):138-143 REF

1967 436.9 C43

Epidemiology, Epizootic diseases, Livestock diseases, Rats, Rodent control, Swine, Trichinella spiralis, Trichinosis, Warfarin. English summary.

It is suggested that using anti-coagulant rodenti-cides could be the origin of trichinosis epizootics in pigs.

TRICHINELLA SPIRALIS INFECTION IN RAT-TUS NORVEGICUS FROM THE MUNICIPAL ABATTOIR OF SANTIAGO, CHILE. (SP)

H Schenone C Jacob A Rojas F Villarroel Bol Chileno Parasitol 22(4,OCT-DEC):176 1967 436.9 C43

Animal diseases, Rats, Trichinella spiralis, Trichinosis. English summary.

4229-69

LIGHT AND ELECTRON MICROSCOPE IN-VESTIGATIONS ON THE FORMATION OF THE OOCYST WALL IN EIMERIA SPECIES (EIMERIA PERFORANS, E. STIEDAE, AND E. TENELLA). (GE)

E Scholtyseck A Rommel G Heller

Z Parasitenk 31(4):289-298

10 Mar 1969 442.8 Z33F

Cell wall, Cytology, Eimeria, Electron microscopy, Inclusion bodies. English abstract.

EGG TRANSMISSION STUDIES OF TYPE II LEUKOSIS INFECTION (MAREK'S DISEASE). M Sevoian

Poultry Sci 47(5):1644-1646

Sep 1968 47.8 AM33P

Avian lymphomatosis, Chick embryos, Disease transmission, Eggs, Poultry diseases, Virus diseases (animals).

THE LEVELS OF TYPE II INFECTION (MAREK'S DISEASE) IN 8-WEEK-OLD CHICKENS PROCESSED AT DRESSING PLANTS. (ABSTRACT).

M Sevoian

Poultry Sci 47(5):1718

Sep 1968 47.8 AM33P

Avian lymphomatosis, Chickens, Food processing, Inspection (agricultural products), Poultry diseases, Virus diseases (animals). Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

HETEROLOGOUS IMMUNITY IN AVIAN HOSTS INFECTED WITH PLASMODIUM RE-LICTUM AND PLASMODIUM LOPHURAE.

A Shahidi J N Farmer

Folia Parasitol 16(1):41-55 REF

1969 436.8 C33

Antigens, Chickens, Immunization, Plasmodium.

4233-69 LYSINE REQUIREMENT OF THE GROWING

CHICK. (ABSTRACT). F R Shank G F Combs O P Thomas

Poultry Sci 47(5):1718

Sep 1968 47.8 AM33P

Amino acids, Animal nutrition, Animal physiology, Biological assay, Chicks, Diet, Lysine, Proteins. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

IMBALANCED LYSINE FEEDS FOR START-ING OR GROWING CHICKS.

D H Sherwood C D Caskey J E Jones S B Smith M C Van Wormer

Poultry Sci 47(5):1719

Sep 1968 47.8 AM33P

Animal nutrition, Animal physiology, Chicks, Diet, Feed, Lysine. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

ON THE STRUCTURE OF HORSE INFLUENZA VIRUS. A CONTRIBUTION TO THE ULTRASTRUCTURE OF INFLUENZA VIRUSES. (GE)

G Siegl J Pette H Mahnel Arch Gesamte Virusforsch 24(4):299-311 REF Sep 1968 448.3 AR23

Electron microscopy, Equine influenza viruses, Horses, Morphology, Ultrastructure, Virus diseases (animals). English abstract.

THE NATURAL OCCURRENCE OF SURRA IN THE AFRICAN LONGHAIRED FOX. (IT)

Veterinaria (milano) 17(2 MAR-APR):126-131 1968 41.8 V6499

Animal diseases, Biometry, Camels, Foxes, Insect vectors, Protozoa, Surra, Tabanidae, Trypanosoma evansi, Trypanosomiasis.

BIBLIOGRAPHY

4237-69

4237-69

THE IMPORTANCE OF BRUCELLOSIS INFEC-TION IN REGARD TO HUMAN HEALTH. (IT) G P Sonda

Veterinaria (milano) 17(2 MAR-APR):108-111 1968 41.8 V6499

Bacterial diseases (animals), Brucella abortus, Brucella melitensis, Brucella suis, Brucellosis, Dairy products, Human diseases, Livestock diseases.

4238-69

FFECT OF AN IODOPHOR ON SHELF LIFE OF POULTRY. (ABSTRACT).

J V Spencer E M Streeter M H George

Poultry Sci 47(5):1721

Sep 1968 47.8 AM33P

Bacterial diseases (animals), Carcasses, Chlorine, lodophors, Poultry diseases, Salmonella typhimurium, Storage diseases. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science

ELECTRON MICROSCOPY AS AN AID TO THE RAPID IDENTIFICATION OF ANIMAL VIRUSES.

P B Spradbrow J Francis Vet Rec 84(10):244-246 REF 08 Mar 1969 41.8 V641

Cells, Diagnosis, Electron microscopy, Phosphotungistic acid, Virology, Virus diseases microscopy. (animals).

4240-69

OXIDATION OF D-MALIC AND BETA-ALKYL-MALIC ACIDS BY WILD-TYPE AND MUTANT STRAINS OF SALMONELLA TYPHIMURIUM AND BY AEROBACTER AEROGENES.

J R Stern R W O'Brien J Bacteriol 98(1):147-151 Apr 1969 448.3 J82

Aerobacter aerogenes, Biochemistry, Malic acid, Metabolism, Mutation, Salmonella typhimurium.

APPETITE SUPPRESSION IN HAMSTERS AND SWINE FED A DITHIOCARBAMOYL-HYDRAZINE (ICI 33828).

F W Stratman D L Garbers N L First J Anim Sci 28(3):359-363 REF

Mar 1969 49 J82

Animal physiology, Dithiocarbamoylhydrazine, Hamsters, Swine.

AVIAN VIRUS-INDUCED TUMORS.

E L Stubbs A M Wallbank Poultry Sci JM(5) 1448-1452 REF Sep 1968 47.8 AM33P

Cancer, Chickens, Neoplasms, Poultry diseases, Tissue culture, Virology, Virus diseases (animals).

A CONTRIBUTION TO THE SALMONELLOSIS OF CATTLE AND ITS THERAPY. (GE)

W Stute J Oetjen

Tierarztl Umsch 23(9):446-448 REF

01 Sep 1968 41.8 T445

Bacterial diseases (animals), Cattle, Chloramphenicol, Drug therapy, Furazolidone, Livestock diseases, Salmonella dublin, Salmonello-

4244-69

EFFECTS OF EXCESS AMINO ACIDS ON GROWTH OF CHICKS FED AMINO ACID DEFICIENT DIETS. (ABSTRACT).

M Sugahara D H Baker H M Scott Poultry Sci 47(5):1723-1724

Sep 1968 47.8 AM33P

Amino acids, Animal nutrition, Animal physiology, Chicks, Diet. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

THERAPEUTIC EFFICACY OF RONIDAZOLE IN WATER AGAINST HISTOMONIASIS AND

EFFECT OF CONTINUOUS FEED LEVELS ON GROWTH IN TURKEYS. (ABSTRACT).

T W Sullivan O D Grace R J Mitchell

Poultry Sci 47(5):1724

Sep 1968 47.8 AM33P

Animal physiology, Blackhead, Dosage, Drug Feed, Heterakis gallinae, Histomonas therapy. meleagridis, Poultry diseases, Ronidazole, Turkeys, Water. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

THE INFLUENCE OF HIGH LEVEL OF L-PHENYLALANINE ON CHICKS HATCHED FROM PULLETS FED SAME LEVEL OF L-PHENYLALANINE. (ABSTRACT).

H-S Tamimie

Poultry Sci 47(5):1726

Sep 1968 47.8 AM33P

Animal nutrition, Animal physiology, Chickens, Diet, Food additives, Phenylalanine. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

OPTIMUM RACHITOGENIC ACTIVITY OF C-1 PROTEIN. (ABSTRACT). DESTRUCTION

O J Thompson C W Carlson 1 S Palmer

Poultry Sci 47(5):1727

Sep 1968 47.8 AM33P

Animal nutrition, Chickens, Deficiency diseases, Diet, Poultry diseases, Proteins, Rickets. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

DETERMINATION OF THE VIRULENCE OF THE MYCOBACTERIUM TUBERCULOSIS BY THE FLUORESCENCE METHOD. (SP)

L B Toranzos H E Laffont V G Aucar J A

Veterinaria (corrientes) 1(3):67-73

1965 41.8 V6465

Bacterial diseases (animals), Fluorescence, Guinea pigs, Mycobacterium tuberculosis, Virulence, English summaries.

4249-69

LOW LYSINE DIETS FOR REARING REPLACEMENT PULLETS. (ABSTRACT).

J L Trammell C R Creger J R Couch Poultry Sci 47(5):1727-1728

Sep 1968 47.8 AM33P

Animal nutrition, Animal physiology, Chickens, Diet, Lysine. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

EFFECT OF PROLONGED INFECTION BY IN-TESTINAL COCCIDIA UPON ZINC-65 AND OLEIC ACID ABSORPTION IN BROILERS. (ABSTRACT).

D E Turk J F Stephens Poultry Sci 47(5):1728

Sep 1968 47.8 AM33P

Animal nutrition, Chickens, Coccidiosis, Eimeria acervulina, Eimeria necatrix, Oleic acid, Poultry diseases, Zinc isotopes. Abstract of paper presented at the 57th Annual Meeting the Poultry Science Association.

MID SMALL INTESTINAL PARASITISM AND ABSORPTION OF AMINO ACIDS AND PROTEIN. (ABSTRACT).

D E Turk J F Stephens Poultry Sci 47(5):1728

Sep 1968 47.8 AM33P

Absorption, Amino acids, Eimeria necatrix, In-Radioactivity. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4252-69

INVESTIGATIONS ON COTTON WILT IN WESTERN TURKEY, (TU)

Z Turkmenoglu S Kaya

Bitki Koruma Bulteni 8(3):168-171

1968 464.8 B542

Cotton, Wilt. English summary.

ROLE OF THE CUTICLE IN EGG SPOILAGE. (ABSTRACT).

D V Vadehra R C Baker

Poultry Sci 47(5):1728-1729

Sep 1968 47.8 AM33P

Bacterial diseases (animals), Cuticle, Eggs, Food spoilage, Immunity, Poultry diseases, Pseudomonas aeruginosa. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Associa-

4254-69

INVESTIGATIONS ON THE OCCURRENCE OF BOVINE LEUKOSIS IN THE COUNTY OF OL-DENBURG, INCLUDING THE CITY OF DELMENHORST AND THE METROPOLITAN AREA OF OLDENBURG. (GE)

W Vogel

Hanover Tierarztl Hochsch Inang Diss (45):40P REF

1967 41.2 H198

Cattle, Epidemiology, Leukosis, Livestock dis-

4255-69

ESSENTIAL AMINO ACID LEVELS FOR STARTING POULTS. (ABSTRACT).

Re Warnick J O Anderson Poultry Sci 47(5):1731 Sep 1968 47.8 AM33P

Amino acids, Animal nutrition, Animal physiology, Chickens, Diet. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

HEMATOLOGY OF AN INHERITED ANEMIA IN THE DOMESTIC FOWL.

K W Washburn J R Smyth

Poultry Sci 47(5):1406-1411 REF

Sep 1968 47.8 AM33P

Anemía, Animal genetics, Chickens, Hematology, Hereditary diseases, Poultry diseases.

EFFECT OF ENVIRONMENTAL TEMPERA-TURE ON IRON DEFICIENCY ANEMIA IN ATHENS-CANADIAN RANDOMBRED CHICKS. K W Washburn T M Huston

Poultry Sci 47(5):1532-1535

Sep 1968 47.8 AM33P

Anemia, Animal nutrition, Chicks, Copper, Deficiency diseases, Environment, Erythrocytes, Iron, Poultry diseases, Temperature.

4258-69

STRONTIUM METABOLISM IN HENS. (AB-STRACT).

C W Weber A R Doberenz B L Reid

Poultry Sci 47(5):1731

Sep 1968 47.8 AM33P

Animal nutrition, Biochemistry, Chickens, Diet, Metabolism, Strontium. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

INVESTIGATIONS CONCERNING THE ULTRASTRUCTURE AND ETIOLOGY OF THE MAST CELL TUMORS IN THE DOG. (GE)

E Weiss R Rudolph N Deutschlander

Pathol Vet 5(3):199-211 REF

1968 41.8 P27

Animal diseases, Animal histology, Dogs, Electron microscopy, Neoplasms, Tissues. English summary.

SYMPOSIUM ON BRUCELLOSIS IN IRELAND.
I. BRUCELLOSIS: BACTERIOLOGY AND EPIDEMIOLOGY. II. BRUCELLOSIS: SEROLOGICAL DIAGNOSIS. III. VACCINES AND BRUCELLOSIS.

D S White D J O'Reilly B Cunningham

Irish Vet J (N s)22(7):122-131

Jul 1968 41.8 IR4

Bacteriology, Brucellosis, Diagnosis, Epidemiology, Livestock diseases, Serological tests, Symposia, Vaccines.

4261-69

EFFECT OF DIETARY LIPIDS UPON THE LIPASE, PANCREATIC CHOLESTEROL ESTERASE, PLASMA TRIGLYCERIDE AND TOTAL PLASMA LIPIDS LEVEL IN THE CHICK. (ABSTRACT).

J R Wills S W Hinners

Poultry Sci 47(5):1732-1733

Sep 1968 47.8 AM33P

Animal nutrition, Biochemistry, Chicks, Cholesterol, Diet, Esterases, Glycerides, Lipases, Lipids, Pancreas, Plasma membrane. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4262-69

MILK FEVER IN THE DOG. (FR)

J H Witte

Alfort Ecole Nat Vet These (24):42P REF

1968 41.2 AL23

Animal diseases, Animal nutrition, Calcium chloride, Calcium gluconate, Diagnosis, Dogs, Milk fever, Symptomatology, Vitamin d.

4263-69

PERSISTANCE OF MYCOPLASMA MELEAGRIDIS IN THE GENITALIA OF EXPERIMENTALLY INFECTED TURKEYS. (ABSTRACT).

R Yamamoto H B Ortmayer C S Joshi

Poultry Sci 47(5):1734

Sep 1968 47.8 AM33P

Bacterial diseases (animals), Mycoplasma meleagridis, Poultry diseases, Reproductive organs, Turkeys. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4264-69

LYSINE LEVELS ON CHICK GROWTH AND NITROGEN UTILIZATION. (ABSTRACT).

M A Zavala C R Creger J R Couch

Poultry Sci 47(5):1734

Sep 1968 47.8 AM33P

Animal nutrition, Animal physiology, Chicks, Diet, Lysine, Nitrogen. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4265-69

EFFECT OF SPECTINOMYCIN ON EXPERIMENTALLY INDUCED ARIZONA GROUP INFECTION IN TURKEYS. (ABSTRACT).

Z Zolli D E Polewaczyk

Poultry Sci 47(5):1735 Sep 1968 47.8 AM33P

Sep 1968 47.8 AM33P

Bacterial diseases (animals), Drug therapy, Injections, Mortality, Paracolobactrum arizonae, Poultry diseases, Spectinomycin, Turkeys. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4266-69

STUDIES ON SEVERAL STRAINS OF PSEU-DORABIES (AUJESZKY) VIRUS SHOWING DIFFERENT VIRULENCE BY MEANS OF THE IMMUNO- AND ACRIDINE ORANGE FLUORESCENCE.

A Zuffa J Matis V Pleva

Arch Gesamte Virusforsch 24(4):396-405 REF

Sep 1968 448.3 AR23

Acridine orange, Immunofluorescence, Pseudorabies virus, Tissue culture, Virulence.

ARTHROPODS

4267-69

TICKS OF THE NATIONAL REACTOR TESTING STATION.

D M Allred

Brigham Young Univ Sci Bull Biol Ser 10(1):29P MAP

Jun 1968 500 B76

Insect ecology, Insect traps, Ixodides, Parasitic insects, Radiation, Vertebrates.

4268-69

MALLOPHAGA OF DOMESTIC CHICKENS FROM CUBA.

V Cerny

Folia Parasitol 16(1):40

1969 436.8 C33

Catalogs, Chickens, Insect ecology, Mallophaga, Surveys.

PARASITES

4269-69

A STUDY OF OESOPHAGOSTOMIASIS, ENCOUNTERED IN YOUNG BUFFALOES OF CASERTANO. (IT)

S Damiano

Acta Med Vet 13(5/6,SEP-DEC):383-411 REF 1967 41.8 AC84

Animal anatomy, Animal diseases, Animal histology, Buffaloes, Intestines, Nematodes, Oesophagostomiasis, Oesophagostomum radiatum. English and French summaries.

4270-69

MINIMUM TIME FOR DEVELOPMENT AND LIFE SPAN OF METACERCARIAE. (GE

J Donges

Z Parasitenk 31(4):340-366 REF

10 Mar 1969 442.8 Z33F

Development, Host relationships, Metacercaria, Parasitism, Trematoda. English abstract.

Digenetic trematodes which can be divided into three distinct groups based on the development of their metacercariae, survive ecologically unfavourable periods by remaining in the intermediate host.

4271-69

FLAPHOSTRONGYLUS CERVI CAMERON, 1931 IN THE CENTRAL NERVOUS SYSTEM OF RED DEER (CERVUS ELAPHUS).

1 Dykova

Folia Parasitol 16(1):74

1969 436.8 C33

Animal histology, Central nervous system, Deer, Epizootic diseases, Histopathology, Nematodes.

4272-60

EFFICACY OF SEVERAL DRUGS FOR CONTROL OF POULTRY NEMATODES. (ABSTRACT).

S A Edgar

Poultry Sci 47(5):1668

Sep 1968 47.8 AM33P

Ascaridia galli, Capillaria obsignata, Dispharynx nasuta, Drug therapy, Heterakis gallinarum, Hydroxynaphthalimide diethyl phosphate, N-, Meldane, Methyridine, Nematodes, Piperazine phosphate, Poultry. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

4273-69

BRIEF COMMUNICATION ON THE OC-CURANCE OF THELACIAEPATHOGENS OF AN ENZOOTIC EYE DISEASE IN CATTLE IN THE GERMAN DEMOCRATIC REPUBLIC. (GE

T Hiepe I Vilagiova I Uschmann Monatsh Vet 23(1):25-26 REF 01 Jan 1968 41.8 M742 Cattle, Eyes, Eyeworms, Larvae, Parasitism, Thelazia gulosa, Thelazia skrjabini. English and Russian summaries.

4274-69

FOOD ADDITIVES PERMITTED IN FEED AND DRINKING WATER OF ANIMALS OR FOR THE TREATMENT OF FOOD-PRODUCING ANIMALS. COUMAPHOS.

J K Kirk

Fed Regist 34(84):7237-7238

02 May 1969 L1.451

Beef cattle, Coumaphos, Dairy cattle, Feed, Food additives, Gastrointestinal system, Parasitism.

4275-69

FISH AS OBSERVED HOSTS OF ASCARIDS-THEIR SIGNIFICANCE IN REGARD TO MAN'S HEALTH. (GE)

J Lamina H Gemmer

Arch Lebensmittelhyg 20(3):66-68

Mar 1969 41.8 L49

Ascaris, Fish, Human diseases, Parasitism.

4276-69

EXPERIMENTS ON THE LOSS OF DICTYOCAULUS FILARIA FROM THE LUNGS OF INFECTED SHEEP. II. THE DEMONSTRATION OF WORMS IN THE BRONCHIAL SPARE MUCUS.

J F Michel

Folia Parasitol 16(1):57-65

1969 436.8 C33

Dictyocaulus filaria, Lungs, Nematodes, Sheep.

4277-69

AN ATTEMPT TO ELIMINATE THE PRIN-CIPAL PARASITIC NEMATODES OF DOGS BY USING A NEW PHOSPHORIC ESTER. (FR) M Pitois

Alfort Ecole Nat Vet These (42):52P REF 1968 41.2 AL23

Ancylostoma caninum, Animal diseases, Anthelmintics, Dichlorvos, Dogs, Drug therapy, Human diseases, Nematodes, Parasitism, Toxascaris leonina, Toxocara canis, Trichuris vulpis.

4278-69

THE FINDING OF GONGYLONEMA PULCHRUM MOLIN, 1857 (NEMATODA) IN MAN.

B Rysavy Z Sebek F Tenora Folia Parasitol 16(1):66 1969 436.8 C33

Animal diseases, Host relationships, Human diseases, Insect vectors, Nematodes.

4279-69

FURTHER STUDIES ON THE ANTHELMINTIC ACTIVITY OF 1-TETRAMISOLE AGAINST GASTRO-INTESTINAL HELMINTHS IN

J P Smith R R Bell

Southwest Vet 22(1,FALL):25-28

1968 41.8 **S**O82

Anthelmintics, Chemical control (nematodes), Dosage, Gastrointestinal system, Helminths, Hydrochloric acid, Sheep, Tetramisole.

4280-69

THE ANAEMIA OF ACUTE AND CHRONIC OVINE FASCIOLIASIS.

L E A Symons J C Boray

Z Tropenmed Parasitol 19(4):451-472 REF

Dec 1968 448.8 Z37

Fasciola hepatica, Fascioliasis, Hematology, Iron isotopes, Livestock diseases, Parasitism, Sheep. German summary.

4281-69

STUDIES ON THE EPIZOOTOLOGY OF GASTROINTESTINAL HELMINTHS IN CALVES. (GE)

H Wetzel

Hanover Tierarztl Hochsch Inang Diss (48):54P REF

1967 41.2 H198

BIBLIOGRAPHY

4282-69

Animal nutrition, Calves, Epizootic diseases, Feces, Gastrointestinal system, Helminths, Feces, Gastrointestinal system, Helminths, Livestock diseases. English and Russian summa-

4282-69

TOXOCARIASIS IN MAN AND ANIMALS.

R A Wiseman

Vet Rec 84(9):214-216 01 Mar 1969 41.8 V641

Animal diseases, Ascariasis, Ascaris lumbricoides, Diagnosis, Epidemiology, Human diseases, Tox-

COMMODITY PROTECTION

EFFECT OF STORAGE ON COTTONSEED AND COTTONSEED PRODUCTS.

A Rahim A Kahn A Ali

Pakistan Cottons 12(1):27-30

Oct 1967 72.8 P172

Chemicals, Cottonseed, DDT, Humidity, Nitrogen, Storage, Temperature.

STORAGE DISEASES

4284-69

A STUDY OF CARCASSES CONDEMNED FOR SKIN LEUKOSIS. (ABSTRACT).

S A Edgar

Poultry Sci 47(5):1667-1668

Sep 1968 47.8 AM33P

Avian lymphomatosis, Carcasses, Food contamination, Poultry diseases, Skin diseases. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

IRRADIATION TREATMENT ON WIENER SAUSAGE WITH GAMMA-RAY. (JA

K Kosaka T Tsukada S Yano H Danbara

J Food Sci Tech 15(11):507-513

Nov 1968 388 J822

Bacteria, Food contamination, Gamma rays, Sausages, Storage diseases. English summary.

MICROBIAL CONTAMINATION

IRRADIATED FOOD: FDA BLOCKS AEC, ARMY REQUESTS FOR APPROVAL.

A Jamison

Science 161(3837):146-148

12 Jul 1968 470 SC12

Food consumption, Food preservation, Irradiation, Regulations.

4287-69

REDUCTION OF SHELF-LIFE OF FRESH FRYERS DUE TO INFECTION WITH ESCHERICHIA COLI PRIOR TO PROCESSING.

E A Sauter W B Ardrey C F Petersen

Poultry Sci 47(5):1470-1473

Sep 1968 47.8 AM33P

Aerobic bacteria, Chicken types (meat), Escherichia coli, Food contamination, Food processing.

4288-69

ISOLATION OF THE TUBERCULOSIS BACILLUS THROUGH ELECTROPHORESIS IN ARTIFICIALLY CONTAMINATED MILK. (SP $)\,$

L B Toranzos V G Aucar H E Laffont J A Benitez

Veterinaria (corrientes) 1(3):25-31

1965 41.8 V6465

Bacillus, Electrophoresis, Food contamination, Isolates, Milk, Mycobacterium tuberculosis. English summary.

4289-69

SALMONELLA ORGANISMS IN POULTRY FEEDS. (ABSTRACT).

H C Zindel M V Bennett Poultry Sci 47(5):1734-1735

Sep 1968 47.8 AM33P

Bacterial diseases (animals), Feed, Food contamination, Poultry diseases, Salmonella. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

ENVIRONMENTAL CONTAMINATION

4290-69

RESEARCH INTO ENVIRONMENTAL POLLU-TION.

World Health Organ Tech Rep Ser (406):83P 1968 449.9 W892T

Agricultural research, Air pollution, Environment, Pesticides, Soil contamination, Water pollution.

RESIDUES

4291-69

EXPERIENCES WITH RESIDUE RESEARCH IN LETTUCE. (DU)

L Bavenboer

Neth Dir Tuinbouw Mededel 31(617,JUN-JUL):243-249

1968 86 N384

Chemical control (plant diseases), Fungus diseases (plants), Lettuce, Regulations, Residues, (plants), Lettuce, Regu Tolerances. English summary.

SOME REMARKS ON PLANT PROTECTION PREPARATION-TOLERANCES. (GE

H Drees

Gesunde Pflanzen 20(9):193-195

Sep. 1968 464.8 G33

Carbamates, Carbaryl, Chlorinated hydrocarbons, Demeton, DDT, Lindane, Parathion, Pesticide residues, Pesticides, Plant protection, Tolerances.

NOTICE OF FILING OF PETITION REGARDING PESTICIDE CHEMICALS.

R E Duggan

Fed Regist 34(66):6261

08 Apr 1969 L1.451

Chromatography, Dimet residues, Pecans, Tolerances. Dimethoate, Insecticide

O-ISOPROPOXYPHENOL METHYLCARBA-MATE. NOTICE OF ESTABLISHMENT OF TEMPORARY TOLERANCE FOR PESTICIDE CHEMICAL.

R E Duggan

Fed Regist 34(83):7180

01 May 1969 L1.451

Barley, Insecticide residues, Isopropoxyphenyl N-methylcarbamate, 2-, Oats, Tolerances, Wheat.

4295-69

TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODI-TIES. DICAMBA.

J K Kirk

Fed Regist 34(66):6239

08 Apr 1969 L1.451

Dicamba, Grasses, Hay, Herbicide residues, Herbicides, Ranges, Tolerances.

2,4-DICHLOROPHENYL P-NITROPHENYL ETHER. NOTICE OF EXTENSION OF TEMPORARY TOLERANCES.

J K Kirk

Fed Regist 34(84):7252 02 May 1969 L1.451

Dichlorophenyl p-nitrophenyl ether, 2,4-, Herbicide residues, Rice, Tolerances.

FOOD ADDITIVES PERMITTED IN FEED AND DRINKING WATER OF ANIMALS OR FOR THE TREATMENT OF FOOD PRODUCING ANIMALS. FOOD ADDITIVES PERMITTED IN FOOD FOR HUMAN CONSUMPTION. BUQUIN-OLATE.

J K Kirk

Fed Regist 34(80):6976-6977

26 Apr 1969 L1.451

Buquinolate, Chickens, Eggs, Food additives, Insecticide residues, Tissues.

TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES. FOOD ADDITIVES. PHOSALONE.

J K Kirk

Fed Regist 34(84):7237

02 May 1969 L1.451

Apples, Food additives, Grapes, Insecticide residues, Pears, Phosalone, Tolerances.

TOLERANCES AND EXEMPTIONS TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES. TRIFLURALIN.

J K Kirk

Fed Regist 34(83):7165

01 May 1969 L1.451

Chlorinated hydrocarbons, Grapes, Herbicide residues, Hops, Tolerances, Trifluralin, Vegetables.

4300-69

INVESTIGATION TO DETERMINE THE RESPECTIVE RESIDUE AMOUNTS OF DDT AND ITS ANALOGUES IN THE MILK AND BACK FAT OF SELECTED DAIRY ANIMALS.

R J Moubry G R Myrdal W E Lyle

Pest Mont J 2(1):47-50

Jun 1968 SB951.A1P41

Dairy cattle, Dichloro-2,2-bis(p-chlorophenyl) ethylene, 1,1-, DDT, Fats, Milk, Milk analysis, Pesticide residues.

4301-69

INVESTIGATION OF THE RESIDUES OF TWO ANTIBIOTICS OF THE MACROLIDE FAMILY (OLEANDOMYCIN AND SPIRAMYCIN) IN THE TISSUES OF CHICKENS RECEIVING ANIBIOTIC FEED SUPPLEMENTS. (FR

C Pilet B Toma

Ann Natur Aliment 22(4):239-247 REF 1968 389.8 AN73

Antibiotics, Chickens, Feed additives, Liver, Oleandomycin, Residues, Spiramycin, Tissues.

DDT RESIDUES IN BEEF COWS FED APPLE POMACE.

T S Rumsey K P Bovard S M Shepherd B M **Priode**

J Anim Sci 28(3):418-424 REF Mar 1969 49 J82

Beef cattle, DDT, Feeding, Insecticide residues, Meat.

CURRENT STATUS OF METHODS FOR IDENTIFYING PESTICIDES, A SURVEY. (JPRS 32,031) TRANSL. 15608.

1 K Tsitovich

34P REF 16 Sep 1965

Methodology, Organic compounds, ganophosphorus compounds, Pesticide residues, Poisons, Quantitative analysis, Surveys. Translation from Zhurnal analiticheskoy khimii 20(7):875-888. Issued by CFSTI.

ORGANIC PHOSPHATE POISONING SHEEP IN SKULL VALLEY, UTAH.

K R Van Kampen L F James J Rasmussen R H Huffaker M O Fawcett Amer Vet Med Ass J 154(6):623-630 MAP 15 Mar 1969 41.8 AM3

Food contamination. Diagnosis, ganophosphorus compounds, Poisoning, Sheep.

Sheep which died after eating forage contaminated with an organophosphate displayed clinical signs of intoxication which include generalized neuromuscular weakness, profuse nasal discharge, frequent micturition, torticollis and scoliosis.

TOXICOLOGY

4305-69

EXPERIMENTAL STUDIES ON THE AMMONIA POISONING OF THE GOAT. I. ON THE CAPACITY TO DETOXICATE AMMONIA ENTERING THROUGH THE PORTAL BLOOD.

K Ambo A Shiga S Yamamoto F Shibata Y Watanabe Y Shoji T Tsuda M Umezu Tohoku J Agr Res 18(4):257-265 REF Dec 1967 22.5 T574

Ammonia, Blood, Goats, Mortality, Poisoning, Urea.

4306-69

COMPARATIVE TOXICOLOGY OF ORGANIC AND INORGANIC ARSENICALS IN SWINE.

W B Buck J R Duncan G Bell Amer Coll Vet Toxicol Proc 2-5 1967 391.9 AM3

Arsenic compounds, Drug therapy, Livestock diseases, Organic compounds, Swine, Toxicology.

DIGITALIN METABOLISM IN CARDIAC IN-SUFFICIENCY OF THE DOG. (FR

M Duros

Alfort Ecole Nat Vet These (60):51P REF 1968 41.2 AL23

Digitalin, Digitalis purpurea, Dogs, Dosage, Drug therapy, Heart diseases, Metabolism.

4308-69

BRITISH POISONOUS PLANTS.

A A Forsyth

Great Brit Min Agr Fish Food Bull (161):1-131 1968 10 G794B

Antidotes, Bibliography, Diagnosis, Poisonous fungi, Poisonous plants, Therapeutics, Toxicology.

A brief description of toxic plants representing 51 higher plant families and several fungal species is presented including information relevant to preventive measures, toxicology, diagnoses, and antidotes.

PROCEEDINGS OF THE AMERICAN COLLEGE OF VETERINARY TOXICOLOGISTS,

Amer Coll Vet Toxicol Proc 18P 1967 391.9 AM3

Arsenic compounds, Horses, Lungs, Organic compounds, Poisonous plants, Swine, Toxicology, Veterinary medicine.

EFFECTS OF HEPTACHLOR AND NICOTINE ON THE BARBELS OF A CATFISH (HETEROPNEUSTES FOSSILIS).

S K Konar

Progr Fish-cult 31(1):62-63

Jan 1969 157.5 P94

Animal physiology, Biochemistry, Catfish, Chlorinated hydrocarbons, Heptachlor, Insecticides, Nicotine, Toxicology.

CONTRIBUTION TO THE STUDY HYDROGEN SULFIDE POISONING DOMESTIC ANIMALS. (FR) OF

H L J Mougeot Alfort Ecole Nat Vet These (26):57P REF 1968 41.2 AL23

Dosage, Gas poisoning, Hydrogen sulfide, Livestock, Sanitation, Symptomatology, Toxicology, Ventilation.

LOCOWEED TOXICITY IN HORSES. F W Oehme W E Bailie L C Hulbert

Amer Coll Vet Toxicol Proc 14-18 1967 391.9 AM3

Astragalus, Horses, Livestock diseases, Oxytropis.

4313-69

THE INFLUENCE OF ANTIBIOTICS ON MINERAL METABOLISM. (FR)

Alfort Ecole Nat Vet These (79):44 P REF 1967 41.2 AL23

Animal nutrition, Animal physiology, Antibiotics, Dosage, Feed additives, Metabolism, Minerals.

ZINC TOXICITY AND VITAMIN D FOR CHICKS. (ABSTRACT).

S I Savage W E Nicklas E W Kienholz Poultry Sci 47(5):1716

Sep 1968 47.8 AM33P

Animal nutrition, Chicks, Dosage, Vitamin d, Zinc. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

ENVIRONMENTAL NITRATES AND ANIMAL HEALTH.

R H Singer

Southwest Vet 22(1,FALL):13-18 REF

1968 41.8 SO82

Animal metabolism, Environment, Fertilizers, Inorganic compounds, Nitrates, Poisoning.

4316-69

SOME RECENT ASPECTS OF VETERINARY TOXICOLOGY: ATTEMPTED COMPARISON WITH HUMAN TOXIOCOLOGY. (FR)

J L Terrat

Alfort Ecole Nat Vet These (57):53P REF 1968 41.2 AL23

Accidents, Diagnosis, Drugs, Humans, Narcotics, Poisoning, Toxicology, Veterinary medicine.

EVALUATION OF COTTONSEED SOAP-STOCKS IN BROILER DIETS. (ABSTRACT).

P W Waldroup V E Tollet T E Bowen E L Stephenson

Poultry Sci 47(5):1731

Sep 1968 47.8 AM33P

Animal nutrition, Chickens, Cottonseed, Diet, Gossypol. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

PLANT PHYSIOLOGY & BIOCHEMISTRY

4318-69

GIBBERELLIN-INDUCED **ASYMMETRIC** GROWTH OF APPLE FRUITS.

M J Bukovac S Nakagawa
Hortscience 3(3,AUTUMN):172-174 REF

1968 SB1.H6

Apples, Fruit culture, Gibberellins, Plant biochemistry, Plant physiology, Plant regulators, Seeds.

4319-69

HORMONAL REGULATION IN HIGHER PLANTS.

A W Calston P J Davies Science 163(3873):1288-1297 REF

21 Mar 1969 470 SCI2 Gibberellins, Plant biochemistry, Plant hormones, Plant physiology, Plant regulators.

THE INFLUENCE OF HFRBICIDES ON THE MORPHOLOGY OF CEREAL CULTURES. IN:

COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFERENCE, PRAGUE, JUNE 21-24, 1966. (GE)

H Domanska

91-96

1966 SB951.U8

Ametryne, Grain, Herbicides, Plant morphology, Prometryne, Simazine, Triazines. Czech and Russian summaries.

4321-69

AN UNEXPECTED EFFECT OF BENOMYL ON TWO GLADIOLUS VARIETIES.

J L Forsberg

Plant Dis Rep 53(4):318-319

Apr 1969 1.9 P69P

Benomyl, Chemical control (plant diseases), Crop varieties, Curvularia, Fungus diseases (plants), Fusarium, Gladiolus, Plant physiology. Other materials used were: Bayer 33172, Ceresan L., Memmi, Delsan A-D, and TBZ.

THE EFFECTS OF INCREASING MOLYB-DENUM RATES ON BUILDING OF DRY MATERIAL OF CLOVER. (CZ)

S Kocurik A Grejtovsky Agrochemia 7(7):206-209 REF 1967 385 AG88

Clover, Dosage, Micronutrients, Molybdenum, Plant nutrition, Rhizobium. English, German and Russian summaries.

STEROID ALKALOIDS AS COMPOUNDS PRODUCED BY POTATO TUBERS UNDER

R Locci J Kuc

Milan Univ Inst Patol Veg Pubbl Raccolta (311):1272-1273

1967 464.9 M582

Alkaloids, Chromatography, Plant biochemistry, Potatoes, Steroids, Stress.

Reprint from: Phytopathology 57(11):1272-1273 nov. 1967.

4324-69

GROWTH REGULATOR SURVEY FOR ACTIVITY IN INDUCING PARTHENOCARPY IN THE HIGHBUSH BLUEBERRY.

C M Mainland P Eck

Hortscience 3(3,AUTUMN):170-172

1968 SB1.H6

Blueberries, Plant physiology, Plant regulators, Surveys. The author reports the response of blueberries to 26 growth regulators including auxins, gibberellins, kinns, growth retardants, auxin synergists and flower thinners.

NEW ANTHERIDIOGEN FROM THE FERN ONOCLEA SENSIBILIS.

U Naf J Sullivan M Cummins

Science 163(3873):1357-1358 REF

21 Mar 1969 470 SC12

21 Mar 120. Chromatography, Onc Onoclea sensibilis, Plant Pteridium hormones,

PLANT INJURY BY AIR POLLUTANTS: IN-FLUENCE OF HUMIDITY ON STOMATAL APERTURES AND PLANT RESPONSE TO OZONE.

H W Otto R H Daines

Science 163(3872):1209-1210

14 Mar 1969 470 SCI2

Air pollution, Humidity, Kidney beans, Ozone, Plant biochemistry, Plant injuries, Tobacco.

FIELD OBSERVATIONS ON EFFECTIVENESS OF MALEIC HYDRAZIDE APPLIED TO ONIONS BY HELICOPTER.

A Pendergrass F M Isenberg Hortscience 3(3,AUTUMN):191-192 1968 SB1.H6

Aerial spraying, Helicopters, Maleic hydrazide, Methodology, Onions, Plant growth inhibitors.

4328-69

CHEMICAL INJURY ON GOLDEN DELICIOUS APPLES TREATED WITH DIPHENYLAMINE.

C F Pierson H A Schomer Hortscience 3(3,AUTUMN):190

1968 SB1.H6

Apples, Diphenylamine, Plant injuries, Symptomatology.

4329-69

THE EFFECT OF DIFFERENT FUNGICIDES ON THE YEAST FLORA DURING THE TREATMENT OF GRAPE VINES. (CZ)

P Ragala E Minarik

Agrochemia 7(7):196-202 REF

1967 385 AG88

Captan, Chlorinated hydrocarbons, Dinocap, Fungicides, Grapes, Sulfur, Yeasts. English, German and Russian summaries.

4330-69

STABILITY OF TAXONOMIC CHARACTERS IN CULTURES OF DIPLODIA AND RELATED GENERA AS INFLUENCED BY VARIOUS CARBON SOURCES. (ABSTRACT).

M M Satour W B Hewitt Phytopathology 57(8):828 Aug 1967 464.8 P56

Botryosphaeria, Carbon compounds, Culture media, Diplodia, Fungus diseases (plants), Physalospora, Plant nutrition, Plant taxonomy, Sphaeropsis.

4331-69

REDUCTION OF PREHARVEST DROP AND WATER SPOT OF NAVEL ORANGES IN SOUTHERN CALIFORNIA.

Sunkist Pest Contr Circ (372):2

Nov 1968 423.9 C12E

D, 2,4-, Dosage, Gibberellins, Oranges, Orchards, Phenoxy acid compounds, Plant biochemistry, Spraying.

4332-69

EFFECT OF SEEDED FRUITS AND FOLIAR-APPLIED AUXIN ON SEEDLESS FRUIT SET OF PEAR THE FOLLOWING YEAR.

M N Westwood P B Lombard L D Brannock Hortscience 3(3,AUTUMN):168-169

1968 SB1.H6

Foliar application, Fruit culture, Pears, Plant regulators, Pollination, Seeds.

4333-69

CHEMICAL REGULATORS IN HORTICUL-TURE.

S H Wittwer

Hortscience 3(3,AUTUMN):163-167 REF

1968 SBI.H6

Gibberellins, Mitosis, Plant biochemistry, Plant growth inhibitors, Plant hormones, Plant physiology, Plant regulators.

CHEMISTRY

4334-69

A NEW ANTIBIOTIC PRODUCED BY A

STRAIN OF ASPERGILLUS FLAVIPES.

C G Casinovi G Grandolini R Mercantini N Oddo R Olivieri

Tetrahedron Lett (27):3175-3178

May 1968 385 T29

Antibiotics, Aspergillus flavipes, Bactericides, Chromatography, Fungi, Mass spectra.

4335-69

PROSPHANILIC ACID DERIVATIVES. PATENT 3,442,938.

B G Christensen W J Leanza G H Rasmusson Us Patent Office Offic Gaz 862(1):244

06 May 1969 156.65 OF2

Bactericides, Coccidiosis, Drugs, Patents, Phosphonic acids.

4336-69

HALOBENZYL CARBAMATES. PATENT 3,442,892.

J J D'Amico

Us Patent Office Offic Gaz 861(1):236

06 May 1969 156.65 OF2

Carbamates, Herbicides, Patents.

4337-69

PROCESS FOR THE PRODUCTION OF SUBSTITUTED TRIAZINES. PATENT 3,428,636.

E Grigat R Putter

Us Patent Office Offic Gaz 859(3):921

18 Feb 1969 156.65 OF2

Chemical control (weeds), Chemistry, Herbicides, Patents, Processing, Triazines.

4338-69

EMULSIFIERS FOR AGRICULTURAL PESTI-CIDES. PATENT 3,442,818.

K L Johnson

Us Patent Office Offic Gaz 861(1):225

06 May 1969 156.65 OF2

Alcohols, Emulsifying agents, Patents, Pesticides, Phenols.

4339-69

MOLECULAR ORDER OF PARTICIPATION OF INHIBITORS (OR ACTIVATORS) IN BIOLOGICAL SYSTEMS.

R B Loftfield E A Eigner

Science 164(3877):305-308 REF

18 Apr 1969 470 SC12

Biochemistry, Biology, Hemoglobin, Inhibitors, Molecules, Oxygen.

4340-69

PHYTOTOXIC ALPHA-HALO-ACETANILIDES. PATENT 3,442,945.

J F Olin

Us Patent Office Offic Gaz 862(1):245

06 May 1969 156.65 OF2

Haloacetanilide, alpha, Patents, Phytotoxicity.

4341-69

PESTICIDAL USES OF THIOSUBSTITUTED PHENOLS. PATENT 3,443,012.

E D Weil H L Schlichting

Us Patent Office Offic Gaz 862(1):256

06 May 1969 156.65 OF2

Chemical control (pests), Patents, Pesticides, Thiophenol.

ENGINEERING

4342-69

WHAT YOU SHOULD KNOW ABOUT CONCENTRATE SPRAYING.

Anonymous

Amer Veg Grower 17(4):14,16,52

Apr 1969 80 C733

Chemical control (pests), Dosage, Equipment, Nozzles, Pesticide application, Spraying.

4343-69

THE USE OF THE PRE-EMERGENCE HERBICIDE AVADEX AND AVADEX BW IN THE BAND SPRAYING METHOD. (GE)

H Neururer

Pflanzenarzt 20(2):13-15

01 Feb 1967 464.9 P482

Chemical control (weeds), Di-allate, Herbicide application, Methodology, Spraying equipment.

INDUSTRY

EDUCATION

4344-69

THE ROLE OF SYSTEMATICS IN BIOLOGY. E Mayr

Science 159(3815):595-599

09 Feb 1969 470 SCI2

Biology, Classification, Taxonomy.

REGULATIONS

4345-69

REGULATING THE SHIPMENT OF LIVING PESTS, PATHOGENS AND VECTORS.

USDA PA- (873):5P

May 1968 1 AG84PRO

May 1700 1700 control, Freight transportation, Insect pests, Insect vectors, Labeling, Plants, Quarantine, Regulations.

4346-69

FOREIGN QUARANTINE NOTICES. NURSERY STOCK, PLANTS, AND SEEDS. IMPORTATION.

R J Anderson

Fed Regist 34(73):6571

17 Apr 1969 L1.451

Agricultural legislation, Foreign trade, Nursery stock (horticulture), Plant quarantine, Plants, Regulations, Seeds.

4347-69

THE FIRST MAXIMUM DOSAGE REGULATION FOR PLANT PROTECTION PREPARATIONS IN THE FEDERAL REPUBLIC OF GERMANY. (GE)

E Leib

Pflanzenarzt 20(7):75-77

01 Jul 1967 464.9 P482

Dosage, Food sanitation, Legislation, Pesticide residues, Pesticides, Plant protection, Public health, Tolerances.

SUBJECT INDEX

| 4192 | Lysine levels on chick growth and nitrogen | Appetite suppression in hamsters and swine fed |
|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Effects of calcium levels in pullet developers. (Abstract). | utilization. (Abstract). 4264 | dithiocarbamoylhydrazine (ICI 33828). |
| The threonine requirement of the pullet and adult hen. (Abstract). | Studies on the epizootology of gastrointestinal helminths in calves. 4281 | Effects of excess amino acids on growth of chick fed amino acid deficient diets. (Abstract). 424 |
| Dietary amino acids and muscular dystrophy. (Abstract). | The influence of antibiotics on mineral metabolism. 4313 | Therapeutic efficacy of ronidazole in water against histomoniasis and effect of continuous feed levels on growth in turkeys. (Abstract). |
| 4203 | Zinc toxicity and vitamin D for chicks. (Ab- | 424 |
| Effect of ascorbic acid withdrawal on interior egg quality. (Abstract). | stract). 4314 Evaluation of cottonseed soapstocks in broiler | The influence of high level of L-phenylalanine of chicks hatched from pullets fed same level of I phenylalanine. (Abstract). |
| Studies on the sodium requirements of chicks. | diets. (Abstract). | 424 |
| (Abstract). | ANIMAL PHYSIOLOGY | Low lysine diets for rearing replacement pullet (Abstract). |
| Amino acids Versus protein in low protein cage- layer diets. abstract). | Electrifying agriculture and horticulture. | 424 |
| 4206 | Estrogenic activity of o,p'-DDT in the mam- | Essential amino acid levels for starting poult (Abstract). |
| Amino acids and isonitrogenous turkey starter diets. (Abstract). | malian uterus and avian oviduct. | 425 |
| 4207 | Payzone nitrovin-A new growth promoter for | Lysine levels on chick growth and nitroge utilization. (Abstract). |
| Cobalt and vitamin C for chicks. (Abstract). 4210 | poultry. (Abstract). | 426 |
| The effect of added energy on induced | Influence of protamone on bone fragility of | Effects of heptachlor and nicotine on the barbe of a catfish (Heteropneustes fossilis). |
| Mycoplasma gallisepticum infection in broilers. (Abstract). | caged hens. (Abstract). | 431 |
| 4212 | The effects of a single massive dose of phenyl- | The influence of antibiotics on mineral metabo ism. |
| Cottonseed meal, lysine, and methionine for layers. (Abstract). | hydrazine on different hematological traits of chickens. (Abstract). | 431 |
| 4219 | 4104 | ANIMAL VECTORS Serological typing of mycobacteria for tracin |
| Use of chicks to measure availability of iron. (Abstract). | Influence of dietary fat, soybean meal treatment and antibiotic supplementation on growth of | possible sources of avian mycobacterial infections in man. |
| Specificity of the chick's requirement for | chicks fed different carbohydrates. 4120 | The epizootiological importance of foot-and |
| choline. (Abstract). | Aflatoxin studies with White Rock chickens. | mouth disease carriers. II. The carrier status of |
| Influence on egg quantity and quality with | (Abstract). | cattle exposed to foot-and-mouth disease follow ing vaccination with an oil adjuvant inactivate |
| sorghum grain diets supplemented with corn oil and/or furazolidone. (Abstract). | Effect of energy-protein balance, energy intake and methionine on growth and body composition | virus vaccine. |
| 4223 | of ducklings. (Abstract). | ANIMALS |
| Effect of MGA on body weight, body fat and fatty acid composition of chickens. (Abstract). | Factors related to immunity of chickens to coc- | Harmlessness of herbicides for the biocenosis. In |
| 4224 Lysine requirement of the growing chick. (Ab- | cidiosis. (Abstract). | Collection of reports geven at the International Herbicide Conference, Prague, June 21-24, 1966. |
| stract). | Effect of methionine on a growth depression in- | _409 |
| Imbalanced lysine feeds for starting or growing chicks. | duced by supplementing a corn-soybean meal diet with lysine. 4151 | Dextran 6 percent W/V in saline (plasma volum expander). Drugs for veterinary use; drug effications of the saline language of the saline language of the saline language of the saline language of the saline (plasma volume). |
| 4234 | Growth depressing effect of excess leucine in | cy study implementation. 417 |
| Effects of excess amino acids on growth of chicks fed amino acid deficient diets. (Abstract). | relation to the amino acid composition of the diet. (Abstract). 4187 | Regulating the shipment of living pests pathogens and vectors. |
| The influence of high level of L-phenylalanine on | Effect of phytate on the apparent calcium | 434 |
| chicks hatched from pullets fed same level of L-phenylalanine. (Abstract). | requirements of chicks. (Abstract). | ANNUAL PLANTS Weeds mean waste Know your weeds and how t |
| 4246 Optimum destruction of rachitogenic activity of | Effects of calcium levels in pullet developers. | control them. |
| C-1 protein. (Abstract). | (Abstract). | Effective methods for the use of herbicides i |
| Low lysine diets for rearing replacement pullets. (Abstract). | The threonine requirement of the pullet and adult hen. (Abstract). | combination with the mineral fertilizers. In: Co lection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966. |
| (Abstract). 4249 | Amino acids and isonitrogenous turkey starter | 408 |
| Effect of prolonged infection by intestinal coccidia upon zinc-65 and oleic acid absorption in broilers. (Abstract). | diets. (Abstract). | ANOPHELES Food sources of some mosquito species in th natural focus of Tahyna virus in souther |
| 4250 | Cobalt and vitamin C for chicks. (Abstract). 4210 | Moravia. |
| Essential amino acid levels for starting poults. (Abstract). | Lymphoepithelial tissues of the intestine and dif- ferentiation of antibody production. | ANOPHELES ALBIMANUS |
| Effect of environmental temperature on iron | 4213 | Comparative studies of the development of Plasmodium cynomolgi bastianellii in Anophele |
| deficiency anemia in Athens-Canadian random- bred chicks. | Fumigation and reuse of broiler litter. (Abstract). | stephensi and A. albimanus. |
| 4257 | 4222 | ANOPHELES FREEBORNI |
| Strontium metabolism in hens. (Abstract). 4258 | Effect of MGA on body weight, body fat and fatty acid composition of chickens. (Abstract). | Changes in the composition of lipids and fatt acids in adult Culex tarsalis and Anophele |
| Effect of dietary lipids upon the lipase, pan- | 4224 | freeborni during the overwintering period. |
| creatic cholesterol esterase, plasma triglyceride and total plasma lipids level in the chick. (Ab- | Lysine requirement of the growing chick. (Abstract). | ANOPHELES QUADRIMACULATUS |
| stract). 4261 | Imbalanced lysine feeds for starting or growing | Infection experiments with a fungus (Coelomo myces) which kills malarial mosquitoes. (ab |
| Milk fever in the dog. | chicks. | stract). |

SUBJECT INDEX

Heterologous immunity in avian hosts infected with Plasmodium relictum and Plasmodium

ANTIMYCIN A
Interaction of antimycin A and rotenone in fish

lophurae.

bioassays.

Honeybees: Do they use direction and distance information provided by their dancers.

Is it possible to predict apple moth infestations

Comparative toxicology of organic and inorganic

4306

arsenicals in swine.

3809

This may be the year for spray thinning.

3868

3917

APPLES

4097

ANOPHELES STEPHENSI

ANOPHELES STEPHENSI

ANTHELMINTICS

Comparative studies of the development of Plasmodium cynomolgi bastianellii in Anopheles stephensi and A. albimanus.

An attempt to eliminate the principal parasitic nematodes of dogs by using a new phosphoric

tibody test for the diagnosis of intraerythrocytic parasitic infections.

4183

| 4277 | ANTISEPTICS Disinfection in peresitance | Supplement to the Plant Protection bulletin. |
|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Further studies on the anthelmintic activity of 1- | Disinfection in parasitoses. 4148 | 3923 |
| tetramisole against gastro-intestinal helminths in | ANTONINA BOUTELOUAE | Fruit disease problems and new approaches to |
| sheep. | A new species of Antonina Signoret from South | their controls. |
| 4279 | Dakota with new records for A. boutelouae Par- | 3975 |
| ANTHRACNOSE | rott (Homoptera: Coccoidea: Pseudococcidae). | A transmissible fruit-depression disease of McIn- |
| Supplement to the Plant Protection bulletin. | 3757 | tosh apples. |
| 3923 | ANTONINA DAKOTENSIS | 3991 |
| ANTIBIOTICS | A new species of Antonina Signoret from South | Tolerances and exemptions from tolerances for |
| Microbes and chemicals against plant pests. | Dakota with new records for A. boutelouae Par- | pesticide chemicals in or on raw agricultural |
| 3919 | rott (Homoptera: Coccoidea: Pseudococcidae). | commodities. Food additives. Phosalone. |
| Biochemistry of plant immunity and dormancy as | 3757 | 4298 |
| the foundation for the crop protection against | APATANIA | Gibberellin-induced asymmetric growth of apple |
| diseases and germination. | New data on the biology of caddisflies (Trichoptera, Limnephilidae, Apataniinae) of Lake Bai- | fruits. 4318 |
| 3985 | cal. I. Life span and mass flight of adults. | |
| Emtryl and antibiotics for turkey breeders. (Ab- | 3851 | Chemical injury on Golden Delicious apples |
| stract). | APERA SPICA-VENTI | treated with diphenylamine. |
| | The effectiveness of the newer herbicides for the | |
| Influence of dietary fat, soybean meal treatment and antibiotic supplementation on growth of | control of weeds in cultivated plants with special | AQUATIC INSECTS The colonization of Lake Constance with |
| chicks fed different carbohydrates. | attention to weeds which are difficult to control. | Chironomidae. |
| 4120 | In: Collection of reports given at the Interna- | 3765 |
| Contribution to the study of bovine mastitis due | tional Herbicide Conference, Prague, June 21-24, 1966. | Ecological and systematic investigations of the |
| to fungi. | 24, 1900. | Chironomidae (Diptera) of Lake Constance. A |
| 4125 | APHIDIDAE | contribution to the lake chironomide fauna of |
| Investigation of the residues of two antibiotics of | Community studies on Hymenoptera found on | the northern foothills of the Alps. |
| the macrolide family (oleandomycin and spira- | Brassica napus L. Part III. Braconidae and | 3766 |
| mycin) in the tissues of chickens receiving | Aphidiidae. | On the determination of age structure of the lar- |
| anibiotic feed supplements. | 3853 | vae of Tendipedidae (Diptera). |
| 4301 | Notes on the parasites of the root aphids | 3813 |
| The influence of antibiotics on mineral metabol- | (Hymenoptera, Aphidiidae). | Occurrence of the species Trichocladius trifascia |
| ism. 4313 | 3876 | Edwards (Chironomidae, Diptera) in the |
| | Problem insects in 1967 - how to control them in | Danube. 3816 |
| A new antibiotic produced by a strain of Asper- | 1968. 3891 | |
| gillus flavipes. | | New data on accumulation of \$35 and Rul 06 by dragonfly nymphs (Odonata). |
| ANTIBODIES | Insect control for garden vegetables. 3916 | 3820 |
| Hemagglutination inhibiting antibodies to ar- | | AQUATIC WEEDS |
| boviruses in the population of Hajdu-Bihar Dis- | Transmission of the virus component of the ragi (Eleusine coracana) disease-complex in Mysore, | Chemical weed control in irrigation channels and |
| trict, Hungary. | India. | drains. |
| 4167 | 4028 | 4061 |
| The use of serologic methods for the control of | Aphids and virus in north Canterbury wheat, | ARABIS |
| Mycoplasma meleagridis in turkeys. (Abstract). | 1965-66 season. | Some observations on the shape and localization |
| 4198 | 4040 | of different viruses in experimentally infected |
| Lymphoepithelial tissues of the intestine and dif- | Insecticide granules and virus in autumn-sown | plants, and on the fine structure of the host cells. |
| ferentiation of antibody production. 4213 | wheat. | IV:ABABIS mosaic virus in Petunia hybrida Hort. |
| | 4041 | 3959 |
| ANTICOAGULANTS The relation of protein level of alfalfa meals to | The appearance of beet aphids in 1966. | ARBOVIRUSES |
| their vitamin K activity. (Abstract). | | Hemagglutination inhibiting antibodies to ar- |
| 4130 | APHIDIUS Significance of the paragite Aphidius agui | boviruses in the population of Hajdu-Bihar Dis- |
| ANTIDOTES | Significance of the parasite Aphidius ervi Haliday (Braconidae, Hymenoptera in con- | trict, Hungary. |
| British poisonous plants. | trolling the density of population of | 4167 |
| 4308 | Acyrthosiphon pisum Harris. | ARCEUTHOBIUM |
| ANTIGENS | 3839 | Susceptibility of coastal form and central Mon- |
| Newcastle disease virus. Characteristics of a | APHOLATE | tana Douglas-fir to Arceuthobium douglasii. |
| strain (2425) isolated in Cordoba, Argentina in | Effects of apholate on the bionomics of Musca | 4025 |
| 1961. II. Comparative study of immunologic | domestica nebulo Fabr. | ARGAS PERSICUS |
| relationships and cellular affinities. 4116 | 3866 | Investigations on the development of Aegyptianella pullorum Carpano, 1928, in the soft tick |
| Virulence, adsorbability, and antigenicity of | APICULTURE | Argas (Persicargas) persicus.(Oken, 1818) by |
| foot-and-mouth disease virus selected by adsorp- | New ways for organizing the cooperation between plant protection services and apicul- | means of fluorescent antibodies. |
| tion with homogenized mouse kidney. | turists. | 3822 |
| 4124 | 3929 | ARGYROGRAMMA ALBOSTRIATA |
| Ovine genital brucellosis. Epididmytis of the ram | APIDAE | Hereditary nature of the two forms of Argyro- |
| (Brucella ovis). The utilization of a new antigen | Photoperiodism in the honey bee, Apis mellifera | gramma albostriata (Bremer and Grey) (Noc- |
| for the complement fixation test and intradermal | L. (Hymenoptera, Apidae). | tuidae, Plusiinae). |
| reaction. | 3809 | 3898 |
| A126 | Some biological notes on Bombus ignitus Smith | ARSENIC COMPOUNDS |
| Polyvalent parainfluenza CF antigen for | with special reference to the nest structure | Protection of bees through the use of insecti- cides, harmless or only slightly dangerous to |
| serodiagnosis. | (Hym. Apidae). 3834 | bees. |
| An improvement of the indirect fluorescent an- | APIS MELLIFERA | 3803 |
| | | |

Photoperiodism in the honey bee, Apis mellifera L. (Hymenoptera, Apidae).

4059

AVENA FATUA

4309

Now can you spot those weeds.

Proceedings of the American College of Veterinary Toxicologists, 1967.

4134

Newcastle disease virus in the avian respiratory tract. (Abstract).

| | 4507 | 4039 | 4134 |
|----------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| ARTHROPODA What the practitioner should know | about | Further test of the control of Avena fatua in sugar beets. | Serological typing of mycobacteria for tracing possible sources of avian mycobacterial infec- |
| arthropods. | 3740 | 4079 | tions in man. |
| PERIODAL INCEMINATION | 00 | AVIAN LYMPHOMATOSIS | |
| ARTIFICIAL INSEMINATION The effects of reserpine on the reproducti | | Observations on the effect of the re-use of broiler litter on the incidence of Marek's disease. (Abstract | Control of Mycoplasma meleagridis infection in turkeys. (Abstract). 4171 |
| formance of breeder turkeys receiving as insemination. | | stract). 4129 | Towards the eradication op bovine tuberculosis. |
| | 4106 | Studies on acute Marek's disease. 9. Resistance | 4172 |
| ASCARIASIS Toxocariasis in man and animals. | | to MD by inoculation with the GA isolate. | Sulfisoxazole. Drugs for veterinary use; drug efficacy study implementation. |
| | 4282 | Egg transmission studies of Type II leukosis in- | 4178 |
| ASCARIDIA GALLI | | fection (Marek's disease). | Sulfadimethoxine injectable. Drugs for veterina- |
| Efficacy of several drugs for control of | poultry | 4230 | ry use; drug efficacy study implementation. |
| nematodes. (Abstract). | | The levels of Type II infection (Marek's disease) | 4180 |
| | 4272 | in 8-week-old chickens processed at dressing | Safety and compatability of sulfadimethoxine |
| ASCARIS | | plants. (Abstract). | potentiated mixture (Ro 5-0013), a new broad |
| Disinfection in parasitoses. | 4140 | 4231 | spectrum coccidiostat-antibacterial, in chickens. |
| 7. | 4148 | A study of carcasses condemned for skin leuko- | (Abstract). |
| Fish as observed hosts of Ascaridsthe | eir sig- | sis. (Abstract). | |
| nificance in regard to man's health. | 4275 | BABESIA | Investigations on Coccidia in zoo ruminants. 4195 |
| ACCADIC LUMPDICOIDES | 4213 | An improvement of the indirect fluorescent an- | |
| ASCARIS LUMBRICOIDES Toxocariasis in man and animals. | | tibody test for the diagnosis of intraerythrocytic | Antibacterial activity of sulfadimethoxine poten- |
| TOXOCATIASIS III IIIaii ailu ailiiiiais. | 4282 | parasitic infections. | tiated mixture (Ro 5-0013). (Abstract). |
| ASCELEPIAS SYRIACA | 7202 | 4183 | The effect of added energy on induced |
| Now can you spot those weeds. | | BABY PIGS | Mycoplasma gallisepticum infection in broilers. |
| riow can you spot mose weeds. | 4059 | Epithelial changes in porcine exudative | (Abstract). |
| ASCORBIC ACID | | epidermitis; the light-microscopical picture. | 4212 |
| Effect of ascorbic acid withdrawal on i | nterior | 4208 | Field significance of Mycoplasma meleagridis in- |
| egg quality. (Abstract). | | BACILLUS | fection. (Abstract). |
| | 4204 | Isolation of the tuberculosis bacillus through electrophoresis in artificially contaminated milk. | 4214 |
| Cobalt and vitamin C for chicks. (Abstract | :). | 4288 | Bacterial contamination and performance of |
| | 4210 | BACITRACIN METHYLENEDISALICYLIC | leghorn breeders on sloping wire Versus litter |
| ASPARAGUS | | ACID | floors. (Abstract). |
| Perennial bindweeds. | | Notice of filing of petition for food additives. | |
| | 4074 | 4143 | Fumigation and reuse of broiler litter. (Abstract). |
| ASPERGILLUS FLAVIPES | | BACTERIA | 4222 |
| A new antibiotic produced by a strain of | Asper- | Mortality of mature beetles Ips typographus (L.) | Shell quality effect on Salmonella penetration. |
| gillus flavipes. | 4334 | (Col., Scolytidae) in the galleries and its causes. | (Abstract). |
| ASPERGILLUS FLAVUS | 4334 | | 4225 |
| Biology of the fungus Aspergillus flavus Li | nk and | Lysozyme in the humoral defense mechanism of specifically and non-specifically immunized in- | The importance of brucellosis infection in regard |
| its infectivity to plants and animals. | iik aiid | sect larvae. | to human health. |
| | 3973 | 3856 | 4237 |
| ASPIDIOTUS HEDERAE | | The tobacco mosaic virus (TMV) in the nutritive | Effect of an iodophor on shelf life of poultry. |
| The oleander scale, Pseudaulacaspis pen | | solution of the tomato hydroponous culture. | (Abstract). 4238 |
| (Targ.), (Homoptera, Coccidae) in Bermu | | 4014 | A contribution to the salmonellosis of cattle and |
| | 4043 | Enumeration of bacteria on poultry carcass skin. | its therapy. |
| ASPIDIOTUS PERNICIOSUS | , | (Abstract). | 4243 |
| The San Jose scale a pest of ornamental shi | 4033 | | Determination of the virulence of the Mycobac- |
| ASTRAGALUS | 4033 | Irradiation treatment on wiener sausage with gamma-ray. | terium tuberculosis by the fluorescence method. |
| Locoweed toxicity in horses. | | 4285 | 4248 |
| 2010 road toxicity in notices. | 4312 | BACTERIAL BLIGHT | Role of the cuticle in egg spoilage. (Abstract). |
| ATRAZINE | | Survey, screening, and breeding for bacterial | 4253 |
| Maize dwarf mosaic-Effects of virus stra | ains A | blight resistance in cotton. | Persistance of Mycoplasma meleagridis in the |
| and B on yield and interaction effects of at | | 3952 | genitalia of experimentally infected turkeys. |
| and the virus on yield. | 2054 | BACTERIAL DISEASES (ANIMALS) | (Abstract). |
| The Letter Letter Co. | 3954 | Hemagglutinins induced in chickens with | Effect of spectinomycin on experimentally in- |
| The lasting influence of triazines and the | | Mycoplasma gallisepticum infection. (Abstract). 4108 | duced Arizona group infection in turkeys. (Ab- |
| of herbicide mixtures in the treatment of In: Collection of reports given at the Ir | | Comparison of attenuated live Pasteurella mul- | stract). |
| tional Herbicide Conference, Prague, Jun | | tocida given in drinking water to an oil-base bac- | 4265 |
| 24, 1966. | | terin administered to turkeys. (Abstract). | Salmonella organisms in poultry feeds. (Ab- |
| | 4064 | 4117 | stract). |
| Distribution, importance and problems of | herbi- | Experimental control Mycoplasma meleagridis | PACTEDIAL DISEASES (DI ANTS) |
| cide use in Yugoslavia. In: Collection of r | | in turkeys by the temperature differential | BACTERIAL DISEASES (PLANTS) The training course of the European Plant Pro- |
| given at the International Herbicide Confe Prague, June 21-24, 1966. | rence, | dipping of eggs in tylosin and spiramycin. (Abstract). | tection Organization in England. |
| - 1. ague, 3 ane 2 1 24, 1700. | 4083 | 4118 | 3914 |
| Chemical control of weeds in the Hun | | Leptospirosis in Argentina. Diffusion, morbidity | Are fertilizer programs related to fireblight and |
| vineyards. In: collection of reports given | at the | and nosological map. | fruit disorders at harvest. |
| International Herbicide Conference, P | rague, | 4127 | 3933 |
| June 21-24, 1966. | 1094 | Penetration and development of Eimeria maxima | Survey, screening, and breeding for bacterial |
| ATTRACTANTS | 4086 | sporozoites and the static effect of decoquinate. (Abstract). | blight resistance in cotton. 3952 |
| Study on attractant of the rice stem borer, | Chile | (Abstract). 4128 | Fruit disease problems and new approaches to |
| suppressalis Walker. | Cinio | The interaction of a nonpathogenic Mycoplasma | their controls. |
| | 3835 | sp. (TU) with Mycoplasma gallisepticum, and | 3975 |

BACTERICIDES

| Contribution to the study of oligosporic Actinomycetes. I. Description of a new species of Ac- | sistance. I. Spreading of pathogene in host plant tissue. | Resistance to benomyl in powdery mildew of cu- curbits. |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| tinobifida: Actinobifida alba sp. nov. and revi- | 3978 | 4003 |
| sion of the genus. | O-isopropoxyphenol methylcarbamate. Notice of establishment of temporary tolerance for | An unexpected effect of benomyl on two gladio- lus varieties. |
| Aglaonema pictum, a new host of Erwinia | pesticide chemical. | 4321 |
| chrysanthemi. | 4294 | BENSULIDE |
| 3982 Studies on crown gall bacteria, Agrobacterium | Studies of neotropical caddis flies. VIII: The im- | Chemical control of annual bluegrass as related to vertical mowing. |
| tumefaciens Conn II. Electron microscopic ob- | mature stages of Barypenthus claudens | 4091 |
| servation on the fine structure in dividing and | (Trichoptera: Odontoceridae). | BIBIONIDAE |
| non-dividing phases. | BEANS | A new species of Penthetria from Japan (Dip- |
| Fungal and bacterial diseases of crucifers and cu- | Changes in insecticide sensitivity in the bean | tera, Bibionidae). |
| curbits in western Ontario in 1967. | weevil Acanthoscelides obtectus Say, brought | BIBLIOGRAPHY |
| 3996 | about by induced pigment formation. | British poisonous plants. |
| Detectable levels of Xanthomonas malvacearu in | 3867 | 4308 |
| cotton gin debris with the seed-soak method. | Supplement to the Plant Protection bulletin. | BIOCENOSIS |
| 4002 | 3923 | Harmlessness of herbicides for the biocenosis. In: |
| Comparative interactions of Erwinia carotovora | Stem and root diseases of beans. 3941 | Collection of reports geven at the International |
| and Erwinia amylovora with pear and potato tis- | | Herbicide Conference, Prague, June 21-24, |
| sues. 4008 | Plant pathology field day. | 1966. 4090 |
| Wild species as a source of resistance to diseases. | Identification of races of Pseudomonas phaseol- | BIOCHEMISTRY |
| 4016 | icola from Quebec bean fields. | Juvenile hormone: Activity of aromatic terpe- |
| Identification of races of Pseudomonas phaseol- | 4022 | noid ethers. |
| icola from Quebec bean fields. | Corn earworm threatens snapbeans. | 3805 |
| 4022 | 4031 | Insect control for garden vegetables. |
| Why is the disinfection treatment of corn seeds | BEDDING (LIVESTOCK) | 3916 |
| absolutely necessary. | Observations on the effect of the re-use of broiler | Contribution to the study of oligosporic Actino- |
| 4030 | litter on the incidence of Marek's disease. (Abstract). | mycetes. I. Description of a new species of Ac- |
| BACTERICIDES | 4129 | tinobifida: Actinobifida alba sp. nov. and revision of the genus. |
| Lysozyme in the humoral defense mechanism of specifically and non-specifically immunized in- | Bacterial contamination and performance of | 3980 |
| specifically and non-specifically immunized in- sect larvae. | leghorn breeders on sloping wire Versus litter | Estrogenic activity of o,p'-DDT in the mam- |
| 3856 | floors. (Abstract). | malian uterus and avian oviduct. |
| Safety and compatability of sulfadimethoxine | 4216 | 4095 |
| potentiated mixture (Ro 5-0013), a new broad | Fumigation and reuse of broiler litter. (Ab- | Interaction of antimycin A and rotenone in fish |
| spectrum coccidiostat-antibacterial, in chickens. | stract). | bioassays. |
| (Abstract). | BEEF CATTLE | 4097 |
| | Food additives permitted in feed and drinking | Influence of various chelating agents on absorp- |
| Antibacterial activity of sulfadimethoxine potentiated mixture (Ro 5-0013). (Abstract). | water of animals or for the treatment of food- | tion of 60Co, 59Fe, 54Mn, and 65Zn by chickens. |
| 4197 | producing animals. Coumaphos. | 4105 |
| A new antibiotic produced by a strain of Asper- | 4274 | Biochemical research on hog cholera. Behavior |
| gillus flavipes. | DDT residues in beef cows fed apple pomace. 4302 | of some enzymatic activities in the serum. |
| 4334 | | 4132 |
| Prosphanilic acid derivatives. Patent 3,442,938. | Protection of bees through the use of insecti- | Purification, ultrastructure, and composition of |
| 4335 | cides, harmless or only slightly dangerous to | axial filaments from Leptospira. |
| BACTERINS | bees. | 4188 |
| Comparison of attenuated live Pasteurella mul- | 3803 | Contribution to the study of the treatment of bovine ketosis. |
| tocida given in drinking water to an oil-base bacterin administered to turkeys. (Abstract). | BEETS | 4200 |
| 4117 | The appearance of beet aphids in 1966. | Oxidation of D-malic and beta-alkylmalic acids |
| BACTERIOLOGY | Damages done to beet seeds by the forest mouse | by wild-type and mutant strains of Salmonella ty- |
| Studies on crown gall bacteria, Agrobacterium | (Apodemus sylvaticus). | phimurium and by Aerobacter aerogenes. |
| tumefaciens Conn II. Electron microscopic ob- | 4092 | 4240 |
| servation on the fine structure in dividing and | BELOSTOMATIDAE | Strontium metabolism in hens. (Abstract). |
| non-dividing phases. | Temperature and circadian control of cuticle | 4258 |
| Comparative interactions of Erwinia carotovora | growth on the bug, Oncopeltus fasciatus. | Effect of dietary lipids upon the lipase, pancreatic cholesterol esterase, plasma triglyceride |
| and Erwinia amylovora with pear and potato tis- | 3814 | and total plasma lipids level in the chick. (Ab- |
| sues. | BEMBECIA PECTINATA Bembecia pectinata Stgr. and its first stages. | stract). |
| 4008 | (Lepidoptera, Sesiidae). | 4261 |
| Towards the eradication op bovine tuberculosis. | 3873 | Effects of heptachlor and nicotine on the barbels |
| , 4172 | BENEFICIAL BIRDS | of a catfish (Heteropneustes fossilis). |
| Symposium on Brucellosis in Ireland. I. Brucello- | On the value of our birds. | |
| sis: Bacteriology and epidemiology. II. Brucello- sis: Serological diagnosis. III. Vaccines and bru- | 3927 | Molecular order of participation of inhibitors (or activators) in biological systems. |
| cellosis. | BENEFICIAL INSECTS | 4339 |
| 4260 | Protection of bees through the use of insecticides, harmless or only slightly dangerous to | BIOLOGICAL ASSAY |
| BALANSIA ORYZAE | bees. | Studies on sex pheromones of Pyralididae. |
| Occurrence of Ephelis on rice variety IR-8 and | 3803 | Changes in the quality of the sex pheromone in |
| cotton grass in India. | New ways for organizing the cooperation | the female almond moth, Cadra cautella Walker |
| PANANAS | between plant protection services and apicul- | (Phycitinae). |
| BANANAS Nematodes associated with bananas in the Wind- | turists. | A note on the nematicidal properties of 'Sevin'. |
| ward Islands. | BENEFIN | 4051 |
| 4048 | Controlling weeds in tobacco with benefin. | Interaction of antimycin A and rotenone in fish |
| BARLEY | 4065 | bioassays. |
| Virulence of various groups of loose smut of bar- | BENOMYL | 4097 |
| ley, (Ustilago nuda (Jens.) Rostr.) physiological | Chemical control of stripe smut in Merion Ken- | Lysine requirement of the growing chick. (Ab- |
| races in the light of anatomical investigations of spring barley varieties different with regard to re- | tucky bluegrass. 3964 | stract). |
| spring barrey varieties different with regard to re- | 3904 | 4233 |

The effect of various biogenic amines on the ac-

tivity of the foregut of the cockroach, Blaberus

3828

The forage plants of Rhagades pruni Schiff.

BLABERUS GIGANTEUS

giganteus.

BLACKBERRIES

BLACKGRASS

BIOLOGICAL CONTROL (INSECTS)

(Cercopidae: Hemiptera).

Studies on the life history and biological control

of the spittlebug, Clastoptera undulata Uhler

myces) which kills malarial mosquitoes. (abstract). Infection experiments with a fungus (Coelomo-

3882

Effect of gamma-irradiation of late embryo on

the growth of silkglands and on silk production in

Effect of rearing condition on growth and development of the silkworm, Bombyx mori L., on artificial diet. II.

the silkworm, Bombyx mori.

BONE DISEASES

BROWN ROT

their controls.

BRUCELLA ABORTUS

Fruit disease problems and new approaches to

Lymphoepithelial tissues of the intestine and dif-

Brown rot control in Southern California.

ferentiation of antibody production.

3975

4015

4213

| star to the star assemble to | DEACRORASS | The setheless of suion outcodustrophy (Ah |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Natural enemies of Laspeyresia pomonella L. | Autumn weed control for continuous cereal | The pathology of avian osteodystrophy. (Ab- |
| (Lepidoptera, Tortricidae) and the effect of | growers. | stract). |
| chemical treatment on their useful activity. | 4069 | 4136 |
| 3819 | BLACKHEAD | BONES |
| The use of attractants in pest control. 2. Sex at- | Therapeutic efficacy of ronidazole in water | Influence of protamone on bone fragility of |
| tractants. | against histomoniasis and effect of continuous | caged hens. (Abstract). |
| 3848 | feed levels on growth in turkeys. (Abstract). | 4103 |
| Effects of apholate on the bionomics of Musca | 4245 | BOTRYOSPHAERIA |
| domestica nebulo Fabr. | BLATTELLA GERMANICA | Stability of taxonomic characters in cultures of |
| 3866 | Notes on the chromosomes of two species of | Diplodia and related genera as influenced by |
| | cockroaches. | |
| The present state of research and of the control | 3904 | various carbon sources. (Abstract). |
| of rice pests. | | |
| 3924 | BLATTIDAE | BOTRYTIS CINEREA |
| The oleander scale, Pseudaulacaspis pentagona | Notes on the chromosomes of two species of | Possibilities for Botrytis cinerea control, espe- |
| (Targ.), (Homoptera, Coccidae) in Bermuda. | cockroaches. | cially in tomatoes. |
| 4043 | 3904 | 4019 |
| BIOLOGICAL CONTROL (PESTS) | BLIGHT | The rate of contamination in relation to the per- |
| | Pseudomonas syringae infection of sweet cherry | centage of infection in the parasitic diseases of |
| Microbes and chemicals against plant pests. | fruit in Utah. | plants. |
| 3919 | 3934 | 4029 |
| Philippine field rats and their control. | | |
| 4093 | A flower blight of chrysanthemum in South | BOUTELOUA GRACILIS |
| BIOLOGICAL TRANSPORT | Florida. | A new species of Antonina Signoret from South |
| Salt and water transport by the in vitro | 3955 | Dakota with new records for A. boutelouae Par- |
| | BLOOD | rott (Homoptera: Coccoidea: Pseudococcidae). |
| cockroach midgut. | The effect of the amount of blood taken and ad- | 3757 |
| | ditional carbohydrate nutrition on oogenesis in | BOUTELOUA HIRSUTA |
| BIOLOGY | females of blood-sucking mosquitoes of the | A new species of Antonina Signoret from South |
| Biology of the fungus Aspergillus flavus Link and | genus Aedes (Diptera, Culicidae) of various | Dakota with new records for A. boutelouae Par- |
| its infectivity to plants and animals. | weights and ages. | rott (Homoptera: Coccoidea: Pseudococcidae). |
| 3973 | 3886 | 3757 |
| Molecular order of participation of inhibitors (or | Experimental studies on the ammonia poisoning | |
| activators) in biological systems. | | BRACHIARIA PIGLIGERA |
| 4339 | of the goat. I. On the capacity to detoxicate am- | Controlling weeds in tobacco with benefin. |
| | monia entering through the portal blood. | 4065 |
| The role of systematics in biology. | | BRACONIDAE |
| 4344 | BLOOD CELLS | On the status of Cresson's Stenophasmus species |
| BIOMETRY | Phagocytic haemocytes in unfixed Galleria mel- | from Cuba (Hymenoptera: Braconidae: Doryc- |
| The natural occurrence of surra in the African | Ionella larvae. | tinae). |
| longhaired fox. | 3890 | 3759 |
| 4236 | BLOOD MEAL | Community studies on Hymenoptera found on |
| BIOTIN | The amino acid deficiencies of blood meal for | Brassica napus L. Part III. Braconidae and |
| | the chick. | Aphidiidae. |
| Relationship of biotin to leg weakness in turkeys. | 4149 | 3853 |
| (Abstract). ' | | |
| 4161 | BLOOD PLASMA | Notes on the parasites of the root aphids |
| BIRD PESTS | C -type viral particles in plasma of cats with | (Hymenoptera, Aphidiidae). |
| The present state of research and of the control | feline leukemia. | 3876 |
| of rice pests. | 4164 | BRAIN |
| 3924 | Dextran 6 percent W/V in saline (plasma volume | Size independent secretion by the corpus allatum |
| On the value of our birds. | expander). Drugs for veterinary use; drug effica- | of Calliphora erythrocephala. |
| 3927 | cy study implementation. | 3843 |
| | 4177 | |
| BIRDS | BLOOD PROTEINS | The hyperglycaemic activity of the corpus al- |
| Contributions to the knowledge of Analgesoidea | The conjugated plasma proteins in adult females | latum in an insect. |
| of Czechoslovakia. | of Periplaneta americana (L.) under starvation | 3877 |
| 3743 | | Country and the country of the broin in potent A second |
| Studies on the insect fauna on Scotch broom | | Spontaneous tumors of the brain in rats: A report |
| | and other stress. | of 3 cases. |
| | and other stress. | |
| Sarothamnus scoparius (L.) Wimmer. | and other stress. 3788 The effect of essential amino acid deficiency on | of 3 cases. 4121 |
| Sarothamnus scoparius (L.) Wimmer. | and other stress. 3788 The effect of essential amino acid deficiency on the sex-specific accumulation of a blood protein | of 3 cases. 4121 BREEDING |
| Sarothamnus scoparius (L.) Wimmer. 3784 Estrogenic activity of o,p'-DDT in the mam- | and other stress. 3788 The effect of essential amino acid deficiency on the sex-specific accumulation of a blood protein in female house-flies (Musca domestica L.). | of 3 cases. 4121 BREEDING Mating and oviposition behavior of the coffee |
| Sarothamnus scoparius (L.) Wimmer. 3784 Estrogenic activity of o,p'-DDT in the mammalian uterus and avian oviduct. | and other stress. 3788 The effect of essential amino acid deficiency on the sex-specific accumulation of a blood protein in female house-flies (Musca domestica L.). 3804 | of 3 cases. 4121 BREEDING Mating and oviposition behavior of the coffee leaf miner, Leucoptera coffeella (Lepidoptera: |
| Sarothamnus scoparius (L.) Wimmer. 3784 Estrogenic activity of o,p'-DDT in the mammalian uterus and avian oviduct. 4095 | and other stress. 3788 The effect of essential amino acid deficiency on the sex-specific accumulation of a blood protein in female house-flies (Musca domestica L.). 3804 BLUEBERRIES | of 3 cases. 4121 BREEDING Mating and oviposition behavior of the coffee leaf miner, Leucoptera coffeella (Lepidoptera: Lyonetiidae). |
| Sarothamnus scoparius (L.) Wimmer. 3784 Estrogenic activity of o,p'-DDT in the mammalian uterus and avian oviduct. 4095 Evaluation of various bird-resistant and non-re- | and other stress. 3788 The effect of essential amino acid deficiency on the sex-specific accumulation of a blood protein in female house-flies (Musca domestica L.). 3804 BLUEBERRIES The forage plants of Rhagades pruni Schiff. | of 3 cases. 4121 BREEDING Mating and oviposition behavior of the coffee leaf miner, Leucoptera coffeella (Lepidoptera: Lyonetiidae). 3888 |
| Sarothamnus scoparius (L.) Wimmer. 3784 Estrogenic activity of o,p'-DDT in the mammalian uterus and avian oviduct. 4095 Evaluation of various bird-resistant and non-resistant varieties of grain sorghum for use in | and other stress. 3788 The effect of essential amino acid deficiency on the sex-specific accumulation of a blood protein in female house-flies (Musca domestica L.). 3804 BLUEBERRIES | of 3 cases. 4121 BREEDING Mating and oviposition behavior of the coffee leaf miner, Leucoptera coffeella (Lepidoptera: Lyonetiidae). 3888 BROADBEANS |
| Sarothamnus scoparius (L.) Wimmer. 3784 Estrogenic activity of o,p'-DDT in the mammalian uterus and avian oviduct. 4095 Evaluation of various bird-resistant and non-resistant varieties of grain sorghum for use in broiler diets. | and other stress. 3788 The effect of essential amino acid deficiency on the sex-specific accumulation of a blood protein in female house-flies (Musca domestica L.). 3804 BLUEBERRIES The forage plants of Rhagades pruni Schiff. 3828 | of 3 cases. 4121 BREEDING Mating and oviposition behavior of the coffee leaf miner, Leucoptera coffeella (Lepidoptera: Lyonetiidae). 3888 BROADBEANS Broad-bean stain and true broad-bean mosaic |
| Sarothamnus scoparius (L.) Wimmer. 3784 Estrogenic activity of o,p'-DDT in the mammalian uterus and avian oviduct. 4095 Evaluation of various bird-resistant and non-resistant varieties of grain sorghum for use in | and other stress. 3788 The effect of essential amino acid deficiency on the sex-specific accumulation of a blood protein in female house-flies (Musca domestica L.). 3804 BLUEBERRIES The forage plants of Rhagades pruni Schiff. | of 3 cases. 4121 BREEDING Mating and oviposition behavior of the coffee leaf miner, Leucoptera coffeella (Lepidoptera: Lyonetiidae). 3888 BROADBEANS |

Some biological notes on Bombus ignitus Smith with special reference to the nest structure (Hym. Apidae).

Structure and development of the imaginal wing discs of larva in a holometabolous insect, Bombyx mori (Lepidoptera, Bombycidae).

4217

3836

A contribution to the prophylactic use of Gam-

Effects of long-term cardiatectomy-allatectomy

on mitochondrial respiration in the cockroach, Blaberus discoidalis.

matonin in calves.

BLABERUS DISCOIDALIS

BOMBUS IGNITUS

BOMBYX MORI

BRUCELLA MELITENSIS

| The importance of brucellosis infection in regard to human health. | The in vitro establishment of pith calluses and nodal tumors of Brassica oleracea. | CANDIDA Contribution to the study of bovine mastitis due to fungi. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| BRUCELLA MELITENSIS The importance of brucellosis infection in regard to human health. 4237 | The effectiveness of the newer herbicides for the control of weeds in cultivated plants with special attention to weeds which are difficult to control. In: Collection of reports given at the Interna- | CANKER Pseudomonas syringae infection of sweet cherry |
| BRUCELLA OVIS Ovine genital brucellosis. Epididmytis of the ram (Brucella ovis). The utilization of a new antigen | tional Herbicide Conference, Prague, June 21-24, 1966. | fruit in Utah. 3934 Discovery and distribution of Fusicoccum canker of Russian olive in Illinois. |
| for the complement fixation test and intradermal reaction. 4126 | CACODYLIC ACID Defoliation effects on forest ecology. 4080 | 3950 Live oak in Mississippi infected by Endothia parasitica. |
| BRUCELLA SUIS The importance of brucellosis infection in regard to human health. | CADRA CAUTELLA Studies on sex pheromones of Pyralididae. Changes in the quality of the sex pheromone in | CAPILLARIA OBSIGNATA |
| BRUCELLOSIS Ovine genital brucellosis. Epididmytis of the ram | the female almond moth, Cadra cautella Walker (Phycitinae). | Efficacy of several drugs for control of poultry nematodes. (Abstract). 4272 |
| (Brucella ovis). The utilization of a new antigen for the complement fixation test and intradermal reaction. | Studies on sex pheromones of pyralididae. II. Mass rearing of virgin females of the almond moth, Cadra cautella Walker (Phycitinae). | CAPTAN Fungus diseases of cotton seedlings in Egypt. 3972 |
| A survey of Brucella infection of cattle in Kenya. A comparison of four serological tests for the | CALCIUM Factors affecting the oxidation of glycerol-l- | The effect of different fungicides on the yeast flora during the treatment of grape vines. 4329 |
| diagnosis of infection. 4202 The importance of brucellosis infection in regard | phosphate by insect flight-muscle mitochondria. 3815 Are fertilizer programs related to fireblight and | CARABIDAE The larva of Carabus (Hygrocarabus Thoms.) variolosus variolosus Fabr. and its position in the |
| to human health. 4237 Symposium on Brucellosis in Ireland. I. Brucello- | fruit disorders at harvest . 3933 | larval system of genus Carabus L. (Coleoptera, carabidae). 3753 |
| sis: Bacteriology and epidemiology. II. Brucellosis: Serological diagnosis. III. Vaccines and brucellosis. | Fusarium wilt (race 2) of tomato: Calcium, pH, and micronutrient effects on disease development. 3974 | Remarks on fluctuations in density of Carabidae populations. 3824 |
| BRUCHIDAE A new species on neotropical seed weevil affecting pigeon peas, with notes on two closely related | Effect of phytate on the apparent calcium requirements of chicks. (Abstract). | Description of the larva of Parena (Parena) per- forata (Bates), with some notes on its life history (Carabidae). |
| species (Coleoptera: Bruchidae: Bruchinae). 3756 Distribution of seed beetles (Coleoptera, | Effects of calcium levels in pullet developers. (Abstract). | 3825 CARABUNIA MYERSI Studies on the life history and biological control |
| Bruchidae) in the forest-steppe zone of the Eastern Ukraine. | CALCIUM CHLORIDE Milk fever in the dog. 4262 | of the spittlebug, Clastoptera undulata Uhler (Cercopidae: Hemiptera). 3802 |
| BRUCHUS RUFIMANUS Studies on the adult diapause of the broad bean weevil, Bruchus rufimanus. 3830 | CALCIUM GLUCONATE Milk fever in the dog. 4262 CALCIUM OXALATE | CARABUS The larva of Carabus (Hygrocarabus Thoms.) variolosus variolosus Fabr. and its position in the larval system of genus Carabus L. (Coleoptera, |
| BRUSH CONTROL Brush control through shredding. 4077 | Origin of oxalic acid in Ca oxalate crystals in the malpighian tubes of the tent caterpillar, Malacosoma neustria testacea. 3881 | carabidae). 3753 CARBAMATES Protection of bees through the use of insecti- |
| Spraying post oak brush pays dividends. 4084 Herbicides in the perspectives of 20 months and | CALLIPHORA Fundamental properties of intensity, form, and | cides, harmless or only slightly dangerous to bees. |
| 20 years. 4089 BUFFALOES | motion perception in the visual nervous systems of Calliphora, phaenicia and Musca domestica. 3849 | A flower blight of chrysanthemum in South Florida. |
| A study of oesophagostomiasis, encountered in young buffaloes of Casertano. | CALLIPHORA VICINA Size independent secretion by the corpus allatum of Calliphora erythrocephala. | 3955 Corn earworm threatens snapbeans. 4031 |
| BUGGY WHIP Buggy-whip of corn and its relation to the in- | CALLIRHYTIS QUERCUSSUTTONII The alternate generation of Callirhytis quercus- | A note on the nematicidal properties of 'Sevin'. 4051 New herbicides for controlling weeds in upland |
| cidence of common smut. 4017 BUQUINOLATE | suttonii (Bassett) (Hymenoptera: Cynipoidea). 4038 CALVES | rice. 4076 |
| Food additives permitted in the feed and drink- ing water of animals or for the treatment of food producing animals. Food additives permitted in food for human consumption. Buquinolate. | Adipose tissue in calves and lambs. 4107 Calf fattening trials with oral administration of | Some remarks on plant protection preparation- tolerances. 4292 Halobenzyl carbamates. Patent 3,442,892. |
| 4098 Buquinolate-A review. 4218 | abdelin acid, aureomycin and chloramphenicol, under controlled environmental conditions. 4146 | CARBARYL Protection of bees through the use of insecti- |
| Food additives permitted in feed and drinking water of animals or for the treatment of food producing animals. Food additives permitted in | A contribution to the prophylactic use of Gammatonin in calves. 4209 | cides, harmless or only slightly dangerous to bees. |
| food for human consumption. Buquinolate. 4297 BUTTERFLIES | Studies on the epizootology of gastrointestinal helminths in calves. | Insect control for garden vegetables. |
| Papilionoidea and Hesperioidea (Lepidoptera) of the virgin forest of Bialowieski. | CAMELS The natural occurrence of surra in the African longhaired fox. | Corn earworm threatens snapbeans. 4031 A note on the nematicidal properties of 'Sevin'. |
| CARRACE | 4236 | 4051 |

4236

4242

Some remarks on plant protection preparation-tolerances.

4292

3996

CABBAGE
Fungal and bacterial diseases of crucifers and cucurbits in western Ontario in 1967.

Avian virus-induced tumors.

CANCER

| CARBOHYDRATES | Notice |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| The effect of the amount of blood taken and additional carbohydrate nutrition on oogenesis in | nel. |
| females of blood-sucking mosquitoes of the genus Aedes (Diptera, Culicidae) of various weights and ages. | Enterot perfring |
| 3886 | Tests o |
| Incorporation of palmitate-1-C14 into lipids of the blowfly during flight. | cows in |
| 3892 | tradern |
| Influence of dietary fat, soybean meal treatment and antibiotic supplementation on growth of | |
| chicks fed different carbohydrates. | Contrib to fungi |
| ARBON COMPOUNDS | |
| Stability of taxonomic characters in cultures of Diplodia and related genera as influenced by various carbon sources. (Abstract). | Hygiene gion of |
| 4330 | Notice |
| ARBON DISULFIDE | diethyls |
| Disinfection in parasitoses. 4148 | Allergy |
| ARBON ISOTOPES | of bovir |
| Incorporation of palmitate-1-C14 into lipids of the blowfly during flight. | Kale a |
| 3892 | literatu |
| ARBOXYLESTERASE Two types of carboxyesterase degrading | anaemi |
| malathion in resistant houseflies and their inhibi- | Toward |
| tion by synergists. | Embeur |
| ARCASSES | Embryo veterina |
| Effect of an iodophor on shelf life of poultry. (Abstract). | tion. |
| 4238 A study of carcasses condemned for skin leuko- | Sodium drug eft |
| sis. (Abstract). | |
| ARPOCAPSA POMONELLA | Ovariar Gestafo |
| Natural enemies of Laspeyresia pomonella L. | o o o o o o o o o o o o o o o o o o o |
| (Lepidoptera, Tortricidae) and the effect of chemical treatment on their useful activity. | The ep |
| 3819 | mouth cattle e |
| Is it possible to predict apple moth infestations. 3868 | ing vac |
| Supplement to the Plant Protection bulletin. | The my |
| ASTORBEANS | |
| Resistance of dwarf-internode castor (Ricinus communis) to Verticillium wilt. | Contrib bovine |
| 3946 | |
| ATALOGS To the fauna of ixodid ticks of Mongolia. | A surve |
| 3744 | diagnos |
| Catalog of the Coleoptera of Angola. 3747 | Observa |
| The entomology of the Isle of Rhum National | Haemo |
| Nature Reserve. 3775 | The state of |
| Mallophaga of domestic chickens from Cuba. | The ani |
| 4268 | A contr |
| ATERPILLARS The forage plants of Rhagades pruni Schiff. | its thera |
| 3828 | Investig |
| ATFISH Effects of heptachlor and nicotine on the barbels | kosis in |
| of a catfish (Heteropneustes fossilis). | Oldenb |
| 4310 | Drinf |
| | |

| - 1 | nel. |
|----------|------------------------------------------------------|
| : : | Enterotoxa perfringens |
| f ! | Tests on la cows in ord ruato cup tradermal |
| t f | Contribution to fungi. |
| f | Hygiene ar |
|) | Notice of diethylstilb |
| 3 | Allergy tes |
| f ! | Kale anae literature anaemia in |
| 3 | Towards th |
| | Embryosta veterinary tion. |
| 3 | Sodium pi drug effica |
| 1 | Ovarian c Gestafortin |
| f | The epizo |
| 3 | ing vaccing virus vacci |
| 3 | The mycot |
| S | Contribution bovine ket |
| ļ | A survey o A compar diagnosis o |
| , l | Observatio Haemophil |
| | The anima |
| 3 | A contribu |
| 3 | Investigation kosis in the city of Delro Oldenburg. |
|) | Brief com |
| , f | thelaciaepa cattle in the |
| | CAULIFLOY |

A case of bilateral polycystic kidneys in a cat.

4137 A meningioma in a cat associated with erosion of 4154

C -type viral particles in plasma of cats with feline leukemia 4164

Sulfadimethoxine injectable. Drugs for veterinary use; drug efficacy study implementation.

Insects and mites of livestock and in farm buildings. 3792 of filing of petition for food additive ron-4096

emia of calves evoked by Clostridium type B. 4114

aboratory animals and on tubercular der to determine the value of the morric colloidal (gadusan) in the in-

on to the study of bovine mastitis due 4125

d animal diseases in Deux-Sevres (reılonges-sur-l'Autize).

filing of petition for food additive estrol.

ts and false reactions in the prevention uberculosis. 4150

mia in ruminants. I. Survey of the and experimental induction of kale lactating cows.

e eradication op bovine tuberculosis. 4172

t (oxytetracycline powder). Drugs for use, drug efficacy study implementa-

opionate. Drugs for veterinary use; cy study implementation. 4175

ysts in cattle and its therapy with and prolan preparations.

ootiological importance of foot-and-ease carriers. II. The carrier status of sed to foot-and-mouth disease followation with an oil adjuvant inactivated

ic abortions in the cow. 4194

on to the study of the treatment of

f Brucella infection of cattle in Kenya. son of four serological tests for the f infection.

ns on septicemia of cattle caused by a us-like organism. 4211

adenoviruses 4217

tion to the salmonellosis of cattle and 4243

ons on the occurrence of bovine leue county of Oldenburg, including the nenhorst and the metropolitan area of

munication on the occurance of thogens of an enzootic eye disease in e German Democratic Republic.

Fungal and bacterial diseases of crucifers and cucurbits in western Ontario in 1967. 3996

CECIDOMYIIDAE A new genus and two new species of Cecidoassociated with Pariana mviidae (Gramineae) in South America (Diptera).

Studies on crown gall bacteria, Agrobacterium tumefaciens Conn II. Electron microscopic observation on the fine structure in dividing and non-dividing phases. 3990

CELL NUCLEUS

Studies on crown gall bacteria, Agrobacterium tumefaciens Conn II. Electron microscopic observation on the fine structure in dividing and non-dividing phases.

CELL WALL

Light and electron microscope investigations on the formation of the oocyst wall in Eimeria species (Eimeria perforans, E. stiedae, and E. tenel-

CELLS

Changes in soluble proteins during foot-pad development in Sarcophaga bullata. 3821

Control systems in insect development. (ab-

Electron microscopy as an aid to the rapid identification of animal viruses.

4239

CENTRAL NERVOUS SYSTEM

Insects and physiology; essays presented to Sir Vincent Wigglesworth, CBE, MD, FRS on his retirement from the Quick Chair of Biology and directorship of the Unit of Insect Physiology in the University of Cambridge.

Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271

CEPHALOSPORIUM

4186

4191

Hybrid corn yield reduction by stalk and root rot in Nebraska. 4027

CERATOCYSTIS ULMI

Dutch elm disease detected in Alabama.

3947 Low temperature sprays for Dutch elm disease control.

CERATOPOGONIDAE

Biting midges of the genus Culicoides Mg. (Diptera, Ceratopogonidae) from the Valley of the Middle Reaches of the Desna. 3874

3957

CERCOPIDAE

Studies on the life history and biological control of the spittlebug, Clastoptera undulata Uhler (Cercopidae: Hemiptera).

CEROPLASTES JAPONICUS

Microterys clauseni Compere (Hym.: Encyr-3796

CEROPLASTES PSEUDOCERIFERUS

Microterys clauseni Compere (Hym.: Encyrtidae). 3796

CHALCIDO, YEA

New Perilampidae (Hymenoptera: Chalcidoidea). 3742

CHAULIODONTOMYIA EGREGIA

A new genus and two new species of Cecidomyiidae associated with Pariana spp. (Gramineae) in South America (Diptera). 3749

CHAULIODONTOMYIA PARIANAE

A new genus and two new species of Cecido-myiidae associated with Pariana spp. spp. (Gramineae) in South America (Diptera). 3749

Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by 4105

Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190

CHEMICAL CONTROL (ANIMAL DISEASES)

| CHEMICAL CONTROL (ANIMAL DISEAS Fumigation and reuse of broiler litter. | | Plant protection. Bulletin of the plant disease control station of Geneva. February. 3930 | tional Herbicide Conference, Prague, June 21 24, 1966. |
|-------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| | 4222 | Plant protection. Bulletin of the plant disease | 406 Controlling weeds in tobacco with benefin. |
| CHEMICAL CONTROL (INSECTS) Studies on the increment of the efficacy of i | insec- | control station of Geneva. August. 3931 | Weed control in fruits and nuts. |
| ticides (IX). On the synergistic actio pyrethrosin with pyrethroid. | | Plant protection. Bulletin of the plant disease control station of Geneva. September. | 407 |
| Controlling insects and other pests | 3826 with | 3932 Stem and root diseases of beans. | Weed control in vegetables. 407 |
| phosphonothioates. Patent 3,428,655. | 3850 | 3941 | Corn marigold (goldings, yellow oxeye, yellow bottle). |
| The toxic action of a mixture of gamma- and EDB to Cryphalus fulvus Niijima. Studi | -BHC | Maize dwarf mosaic-Effects of virus strains A and B on yield and interaction effects of atrazine | Ragwort. 407 |
| the control of forest pests. V. | 3857 | and the virus on yield. 3954 | 407 |
| Effects of apholate on the bionomics of M | | A flower blight of chrysanthemum in South Florida. | Perennial bindweeds. 407 |
| domestica nebulo Fabr. | 3866 | 3955 Diseases and parasites of the rose. | Chemical weed control in potato (Solanum tu berosum L.). A review. |
| Mexican fruit containment. | 3879 | 3956 | 407 New herbicides for controlling weeds in uplan |
| Problem insects in 1967 - how to control th 1968. | em in | Low temperature sprays for Dutch elm disease control. | rice. |
| Disease and insect control in home orchards | 3891 | 3957 Prevention of the spread of non-persistent plant | Further test of the control of Avena fatua i |
| | 3983 | viruses by oil spraying. | sugar beets. 407 |
| Corn earworm threatens snapbeans. | 4031 | Chemical control of stripe smut in Merion Ken- | Defoliation effects on forest ecology. 408 |
| The peach twig borer and its control. | 4032 | tucky bluegrass. | The effectiveness of the newer herbicides for th |
| The San Jose scale a pest of ornamental shru | ubs. 4033 | Fungicides for Arabica coffee 17relationships among some new fungicides, leaf rust (Hemileia | control of weeds in cultivated plants with special attention to weeds which are difficult to control |
| Bloodwormspests of rice. | | vastatrix), leaf fall and yield. | In: Collection of reports given at the International Herbicide Conference, Prague, June 21 |
| The alternate generation of Callirhytis que | 4037 ercus- | Fungus diseases of cotton seedlings in Egypt. 3972 | 24, 1966. 408 |
| suttonii (Bassett)(Hymenoptera: Cynipoide | a). 4038 | Disease and insect control in home orchards. | Distribution, importance and problems of herbicide use in Yugoslavia. In: Collection of report |
| Raspberry moth. | 4039 | New chemicals look good for weed control in | given at the International Herbicide Conference Prague, June 21-24, 1966. |
| Some important aspects of cotton insect cor | ntrol. 4044 | Michigan orchards. | 408 Effective methods for the use of herbicides i |
| CHEMICAL CONTROL (NEMATODES) Virus diseases and the selection of grapes. | | Resistance to benomyl in powdery mildew of cu- curbits. | combination with the mineral fertilizers. In: Col lection of reports given at the International Her |
| | 3937 | 4003 Field evaluation of some fungicides for control of | bicide Conference, Prague, June 21-24, 1966. |
| A note on the nematicidal properties of 'Sev | 4051 | leaf and stem rusts of wheat. 4006 | Chemical control of weeds in the Hungarian vineyards. In: collection of reports given at the |
| Nematodes are destructive to your plants. | 4053 | Plant protection. Bulletin of the Plant Disease Station of Geneva, March. | International Herbicide Conference, Prague June 21-24, 1966. |
| Control of the citrus nematode, Tylenc semipenetrans, with 1,2-dibror | | 4010 Plant protection. Bulletin of the Plant Disease | 408 |
| chloropropane in Taiwan. | 4057 | Station of Geneva. June. | Chemical weed control in sunflower cultures. In Collection of reports given at the International |
| Further studies on the anthelmintic activity tetramisole against gastro-intestinal helmin | of 1- ths in | Plant protection. Bulletin of the Plant Disease | Herbicide Conference, Prague, June 21-24 1966. |
| sheep. | 4279 | Station of Geneva. October. 4012 | Chemical weed control problems in outdoo |
| CHEMICAL CONTROL (PESTS) Controlling household pests. | | Plant protection. Bulletin of the Plant Disease Station of Geneva. April. | vegetable growing. 408 |
| | 3790 | 4013 Brown rot control in Southern California. | Herbicides in the perspectives of 20 months and 20 years. |
| Insects and mites of livestock and in buildings. | 3792 | 4015 Tests on dry fumigation of potato seedlings | 408 Chemical control of annual bluegrass as related |
| Insect control for garden vegetables. | | against Rhizoctonia disease. | to vertical mowing. |
| Microbes and chemicals against plant pests. | | Experiences with residue research in lettuce. | Process for the production of substituted |
| The present state of research and of the co | 3919 ontrol | An unexpected effect of benomyl on two gladio- | triazines. Patent 3,428,636. |
| of rice pests. | 3924 | lus varieties. 4321 | The use of the pre-emergence herbicide Avades and Avadex BW in the band spraying method. |
| Damages done to beet seeds by the forest n (Apodemus sylvaticus). | nouse | CHEMICAL CONTROL (WEEDS) Further research on the control of Echinochloa | CHEMICALS 434: |
| Philippine field rats and their control. | 4092 | in rice fields. | Natural enemies of Laspeyresia pomonella L (Lepidoptera, Tortricidae) and the effect of |
| · · | 4093 | Chemical weed control in irrigation channels and drains. | chemical treatment on their useful activity. |
| Pesticidal uses of thiosubstituted phenols. P 3,443,012. | 4341 | 4061 Defoliation effects on forest ecology. | Study on attractant of the rice stem borer, Chile suppressalis Walker. |
| What you should know about concentrate s | | 4062 | 3835 New chemicals look good for weed control in |
| | 4342 | The development of chemical weed control in ornamental plants in fields. | Michigan orchards. |
| The importance of applied entomology for | | The lasting influence of triazines and the effect | Effect of storage on cottonseed and cottonseed |
| trian plant protection. | 3926 | of herbicide mixtures in the treatment of corn. In: Collection of reports given at the Interna- | products. 4283 |

4257

| CHEMISTRY Controlling insects and other pests with phosphonothioates. Patent 3,428,655. 3850 | Evaluation of various bird-resistant and non-resistant varieties of grain sorghum for use in broiler diets. 4139 | Heterologous immunity in avian hosts infected with Plasmodium relictum and Plasmodium lophurae. 4232 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process for the production of substituted triazines. Patent 3,428,636. | Notice of filing of petition for food additives. | Avian virus-induced tumors. 4242 |
| CHEMORECEPTORS Specificity of population-aggregating | Dietary magnesium requirement of the laying hen. (Abstract). | The influence of high level of L-phenylalanine on chicks hatched from pullets fed same level of L-phenylalanine. (Abstract). |
| pheromones in Dendroctonus. | Sulfur amino acid requirement of laying hens. | 4246 |
| CHEMOSTERILANTS 3863 | (Abstract). 4156 | Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). |
| Effects of apholate on the bionomics of Musca | Activity of decoquinate against field strains of | 4247 |
| domestica nebulo Fabr. | chicken coccidia. (Abstract). 4162 | Low lysine diets for rearing replacement pullets. (Abstract). |
| CHERRIES | Pathogenesis of infectious synovitis in | 4249 |
| Fruit disease problems and new approaches to their controls. | gnotobiotic chickens. (Abstract). | Effect of prolonged infection by intestinal coccidia upon zinc-65 and oleic acid absorption in |
| CHICK EMBRYOS | Effect of nitrofurazone and furazolidone on | broilers. (Abstract). |
| Newcastle disease virus. Characteristics of a | reproduction in chickens. | Essential amino acid levels for starting poults. |
| strain (2425) isolated in Cordoba, Argentina in | Nicarbazin. Drugs for veterinary use; drug effica- | (Abstract). |
| 1961. II. Comparative study of immunologic relationships and cellular affinities. | cy study implementation. | 4255 Hematology of an inherited anemia in the |
| 4116 | | domestic fowl. |
| Investigation of some enzymatic activities (GOT, | Safety and compatability of sulfadimethoxine potentiated mixture (Ro 5-0013), a new broad | 4256 |
| GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or | spectrum coccidiostat-antibacterial, in chickens. (Abstract). | Strontium metabolism in hens. (Abstract). 4258 |
| those infected with newcastle disease virus. | 4185 | Mallophaga of domestic chickens from Cuba. |
| | Growth depressing effect of excess leucine in | 4268 |
| Egg transmission studies of Type II leukosis infection (Marek's disease). | relation to the amino acid composition of the | Food additives permitted in feed and drinking |
| 4230 | diet. (Abstract). | water of animals or for the treatment of food |
| CHICKEN TYPES (MEAT) | 4187 | producing animals. Food additives permitted in |
| Reduction of shelf-life of fresh fryers due to in- | The linoleic acid requirement of the hen for reproduction. (Abstract). | food for human consumption. Buquinolate. |
| fection with Escherichia coli prior to processing. | 4192 | 4297 |
| 4287 | Effects of calcium levels in pullet developers. | Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spira- |
| CHICKENS | (Abstract). | mycin) in the tissues of chickens receiving |
| Food additives permitted in the feed and drinking water of animals or for the treatment of food- | 4193 | anibiotic feed supplements. |
| producing animals. Food additives permitted in | Anticoccidial activity of sulfadimethoxine poten- | 4301 |
| food for human consumption. Buquinolate. | tiated mixture (Ro 5-0013) in chickens. | Evaluation of cottonseed soapstocks in broiler |
| 4098 | | diets. (Abstract). |
| The influence of feed and water restriction and | The threonine requirement of the pullet and adult hen. (Abstract). | CHICKS |
| pitressin administration upon thyroxine secretion in domestic fowl. | 4199 | Intestinal histology of vitamin A deficient chicks. (Abstract). |
| A100 | Dietary amino acids and muscular dystrophy. (Abstract). | (Abstract). |
| Payzone nitrovin-A new growth promoter for poultry. (Abstract). | 4203 | Influence of dietary fat, soybean meal treatment |
| 4101 | Effect of ascorbic acid withdrawal on interior | and antibiotic supplementation on growth of |
| Influence of protamone on bone fragility of | egg quality. (Abstract). | chicks fed different carbohydrates. |
| caged hens. (Abstract). | 4204 | 4120 |
| 4103 | Studies on the sodium requirements of chicks. | The amino acid deficiencies of blood meal for |
| The effects of a single massive dose of phenyl- | (Abstract). | |
| hydrazine on different hematological traits of | | the chick. |
| chickens (Abstract) | 4205 | 4149 |
| chickens. (Abstract). | 4205 Amino acids Versus protein in low protein cagelayer diets, abstract). | The efficacy of trans and cis vitamin A. (Abstract). |
| | 4205 Amino acids Versus protein in low protein cage- | The efficacy of trans and cis vitamin A. (Abstract). |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by | Amino acids Versus protein in low protein cage- layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. | Amino acids Versus protein in low protein cage- layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. | Amino acids Versus protein in low protein cage- layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. 4105 Hemagglutinins induced in chickens with | Amino acids Versus protein in low protein cage-layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. | Amino acids Versus protein in low protein cage- layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 Use of chicks to measure availability of iron. |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. 4105 Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). 4108 Inherited resistance to sulfaquinoxaline toxicity | Amino acids Versus protein in low protein cage-layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. (Abstract). 4212 Field significance of Mycoplasma meleagridis in- | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 Use of chicks to measure availability of iron. (Abstract). 4220 Specificity of the chick's requirement for |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. 4105 Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). 4108 Inherited resistance to sulfaquinoxaline toxicity in the chicken. (Abstract). | Amino acids Versus protein in low protein cage-layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. (Abstract). 4212 Field significance of Mycoplasma meleagridis infection. (Abstract). | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 Use of chicks to measure availability of iron. (Abstract). 4220 Specificity of the chick's requirement for choline. (Abstract). |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. 4105 Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). 4108 Inherited resistance to sulfaquinoxaline toxicity in the chicken. (Abstract). | Amino acids Versus protein in low protein cage-layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. (Abstract). 4212 Field significance of Mycoplasma meleagridis infection. (Abstract). 4214 | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 Use of chicks to measure availability of iron. (Abstract). 4220 Specificity of the chick's requirement for choline. (Abstract). 4221 |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. 4105 Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). 4108 Inherited resistance to sulfaquinoxaline toxicity in the chicken. (Abstract). 4111 Reproductive abnormalities in hens deficient in | Amino acids Versus protein in low protein cage-layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. (Abstract). 4212 Field significance of Mycoplasma meleagridis infection. (Abstract). 4214 Bacterial contamination and performance of | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 Use of chicks to measure availability of iron. (Abstract). 4220 Specificity of the chick's requirement for choline. (Abstract). 4221 Fumigation and reuse of broiler litter. (Ab- |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. 4105 Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). 4108 Inherited resistance to sulfaquinoxaline toxicity in the chicken. (Abstract). | Amino acids Versus protein in low protein cage-layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. (Abstract). 4212 Field significance of Mycoplasma meleagridis infection. (Abstract). 4214 Bacterial contamination and performance of leghorn breeders on sloping wire Versus litter floors. (Abstract). | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 Use of chicks to measure availability of iron. (Abstract). 4220 Specificity of the chick's requirement for choline. (Abstract). 4221 |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. 4105 Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). 4108 Inherited resistance to sulfaquinoxaline toxicity in the chicken. (Abstract). 4111 Reproductive abnormalities in hens deficient in linoleic acid. (Abstract). | Amino acids Versus protein in low protein cage-layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. (Abstract). 4212 Field significance of Mycoplasma meleagridis infection. (Abstract). 4214 Bacterial contamination and performance of leghorn breeders on sloping wire Versus litter floors. (Abstract). 4216 | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 Use of chicks to measure availability of iron. (Abstract). 4220 Specificity of the chick's requirement for choline. (Abstract). 4221 Fumigation and reuse of broiler litter. (Abstract). |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. 4105 Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). 4108 Inherited resistance to sulfaquinoxaline toxicity in the chicken. (Abstract). 4111 Reproductive abnormalities in hens deficient in linoleic acid. (Abstract). 4123 Penetration and development of Eimeria maxima sporozoites and the static effect of decoquinate. | Amino acids Versus protein in low protein cage-layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. (Abstract). 4212 Field significance of Mycoplasma meleagridis infection. (Abstract). 4214 Bacterial contamination and performance of leghorn breeders on sloping wire Versus litter floors. (Abstract). 4216 Buquinolate-A review. | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 Use of chicks to measure availability of iron. (Abstract). 4220 Specificity of the chick's requirement for choline. (Abstract). 4221 Fumigation and reuse of broiler litter. (Abstract). 4222 Lysine requirement of the growing chick. (Abstract). |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. 4105 Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). 4108 Inherited resistance to sulfaquinoxaline toxicity in the chicken. (Abstract). 4111 Reproductive abnormalities in hens deficient in linoleic acid. (Abstract). 4123 Penetration and development of Eimeria maxima sporozoites and the static effect of decoquinate. (Abstract). | Amino acids Versus protein in low protein cage-layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. (Abstract). 4212 Field significance of Mycoplasma meleagridis infection. (Abstract). 4214 Bacterial contamination and performance of leghorn breeders on sloping wire Versus litter floors. (Abstract). 4216 Buquinolate-A review. | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 Use of chicks to measure availability of iron. (Abstract). 4220 Specificity of the chick's requirement for choline. (Abstract). 4221 Fumigation and reuse of broiler litter. (Abstract). 4222 Lysine requirement of the growing chick. (Abstract). |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. 4105 Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). 4108 Inherited resistance to sulfaquinoxaline toxicity in the chicken. (Abstract). 4111 Reproductive abnormalities in hens deficient in linoleic acid. (Abstract). 4123 Penetration and development of Eimeria maxima sporozoites and the static effect of decoquinate. (Abstract). 4128 | Amino acids Versus protein in low protein cage-layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. (Abstract). 4212 Field significance of Mycoplasma meleagridis infection. (Abstract). 4214 Bacterial contamination and performance of leghorn breeders on sloping wire Versus litter floors. (Abstract). 4216 Buquinolate-A review. 4218 Cottonseed meal, lysine, and methionine for | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 Use of chicks to measure availability of iron. (Abstract). 4220 Specificity of the chick's requirement for choline. (Abstract). 4221 Fumigation and reuse of broiler litter. (Abstract). 4222 Lysine requirement of the growing chick. (Abstract). 4233 Imbalanced lysine feeds for starting or growing |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. 4105 Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). 4108 Inherited resistance to sulfaquinoxaline toxicity in the chicken. (Abstract). 4111 Reproductive abnormalities in hens deficient in linoleic acid. (Abstract). 4123 Penetration and development of Eimeria maxima sporozoites and the static effect of decoquinate. (Abstract). 4128 The relation of protein level of alfalfa meals to | Amino acids Versus protein in low protein cage-layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. (Abstract). 4212 Field significance of Mycoplasma meleagridis infection. (Abstract). 4214 Bacterial contamination and performance of leghorn breeders on sloping wire Versus litter floors. (Abstract). 4216 Buquinolate-A review. 4218 Cottonseed meal, lysine, and methionine for layers. (Abstract). | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 Use of chicks to measure availability of iron. (Abstract). 4220 Specificity of the chick's requirement for choline. (Abstract). 4221 Fumigation and reuse of broiler litter. (Abstract). 4222 Lysine requirement of the growing chick. (Abstract). 4233 Imbalanced lysine feeds for starting or growing chicks. |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. 4105 Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). 4108 Inherited resistance to sulfaquinoxaline toxicity in the chicken. (Abstract). 4111 Reproductive abnormalities in hens deficient in linoleic acid. (Abstract). 4123 Penetration and development of Eimeria maxima sporozoites and the static effect of decoquinate. (Abstract). 4128 | Amino acids Versus protein in low protein cage-layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. (Abstract). 4212 Field significance of Mycoplasma meleagridis infection. (Abstract). 4214 Bacterial contamination and performance of leghorn breeders on sloping wire Versus litter floors. (Abstract). 4216 Buquinolate-A review. 4218 Cottonseed meal, lysine, and methionine for layers. (Abstract). | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 Use of chicks to measure availability of iron. (Abstract). 4220 Specificity of the chick's requirement for choline. (Abstract). 4221 Fumigation and reuse of broiler litter. (Abstract). 4222 Lysine requirement of the growing chick. (Abstract). 4233 Imbalanced lysine feeds for starting or growing chicks. 4234 |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. 4105 Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). 4108 Inherited resistance to sulfaquinoxaline toxicity in the chicken. (Abstract). 4111 Reproductive abnormalities in hens deficient in linoleic acid. (Abstract). 4123 Penetration and development of Eimeria maxima sporozoites and the static effect of decoquinate. (Abstract). 4128 The relation of protein level of alfalfa meals to their vitamin K activity. (Abstract). | Amino acids Versus protein in low protein cage-layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. (Abstract). 4212 Field significance of Mycoplasma meleagridis infection. (Abstract). 4214 Bacterial contamination and performance of leghorn breeders on sloping wire Versus litter floors. (Abstract). 4216 Buquinolate-A review. 4218 Cottonseed meal, lysine, and methionine for layers. (Abstract). 4219 Effect of MGA on body weight, body fat and | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 Use of chicks to measure availability of iron. (Abstract). 4220 Specificity of the chick's requirement for choline. (Abstract). 4221 Fumigation and reuse of broiler litter. (Abstract). 4222 Lysine requirement of the growing chick. (Abstract). 4233 Imbalanced lysine feeds for starting or growing chicks. 4234 Effects of excess amino acids on growth of chicks |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. 4105 Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). 4108 Inherited resistance to sulfaquinoxaline toxicity in the chicken. (Abstract). 4111 Reproductive abnormalities in hens deficient in linoleic acid. (Abstract). 4123 Penetration and development of Eimeria maxima sporozoites and the static effect of decoquinate. (Abstract). 4128 The relation of protein level of alfalfa meals to their vitamin K activity. (Abstract). 4130 The infectious bursal agent and pathology of the disease. (Abstract). | Amino acids Versus protein in low protein cage-layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. (Abstract). 4212 Field significance of Mycoplasma meleagridis infection. (Abstract). 4214 Bacterial contamination and performance of leghorn breeders on sloping wire Versus litter floors. (Abstract). 4216 Buquinolate-A review. 4218 Cottonseed meal, lysine, and methionine for layers. (Abstract). | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 Use of chicks to measure availability of iron. (Abstract). 4220 Specificity of the chick's requirement for choline. (Abstract). 4221 Fumigation and reuse of broiler litter. (Abstract). 4222 Lysine requirement of the growing chick. (Abstract). 4233 Imbalanced lysine feeds for starting or growing chicks. 4234 |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. 4105 Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). 4108 Inherited resistance to sulfaquinoxaline toxicity in the chicken. (Abstract). 4111 Reproductive abnormalities in hens deficient in linoleic acid. (Abstract). 4123 Penetration and development of Eimeria maxima sporozoites and the static effect of decoquinate. (Abstract). 4128 The relation of protein level of alfalfa meals to their vitamin K activity. (Abstract). 4130 The infectious bursal agent and pathology of the disease. (Abstract). | Amino acids Versus protein in low protein cage-layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. (Abstract). 4212 Field significance of Mycoplasma meleagridis infection. (Abstract). 4214 Bacterial contamination and performance of leghorn breeders on sloping wire Versus litter floors. (Abstract). 4216 Buquinolate-A review. 4218 Cottonseed meal, lysine, and methionine for layers. (Abstract). 4219 Effect of MGA on body weight, body fat and fatty acid composition of chickens. (Abstract). 4224 The levels of Type II infection (Marek's disease) | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 Use of chicks to measure availability of iron. (Abstract). 4220 Specificity of the chick's requirement for choline. (Abstract). 4221 Fumigation and reuse of broiler litter. (Abstract). 4222 Lysine requirement of the growing chick. (Abstract). 4233 Imbalanced lysine feeds for starting or growing chicks. 4234 Effects of excess amino acids on growth of chicks fed amino acid deficient diets. (Abstract). 4244 Effect of environmental temperature on iron |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by chickens. 4105 Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). 4108 Inherited resistance to sulfaquinoxaline toxicity in the chicken. (Abstract). 4111 Reproductive abnormalities in hens deficient in linoleic acid. (Abstract). 4123 Penetration and development of Eimeria maxima sporozoites and the static effect of decoquinate. (Abstract). 4128 The relation of protein level of alfalfa meals to their vitamin K activity. (Abstract). 4130 The infectious bursal agent and pathology of the disease. (Abstract). | Amino acids Versus protein in low protein cage- layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). 4210 The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. (Abstract). 4212 Field significance of Mycoplasma meleagridis infection. (Abstract). 4214 Bacterial contamination and performance of leghorn breeders on sloping wire Versus litter floors. (Abstract). 4216 Buquinolate-A review. 4218 Cottonseed meal, lysine, and methionine for layers. (Abstract). 4219 Effect of MGA on body weight, body fat and fatty acid composition of chickens. (Abstract). 4224 | The efficacy of trans and cis vitamin A. (Abstract). 4158 Effect of phytate on the apparent calcium requirements of chicks. (Abstract). 4190 Use of chicks to measure availability of iron. (Abstract). 4220 Specificity of the chick's requirement for choline. (Abstract). 4221 Fumigation and reuse of broiler litter. (Abstract). 4222 Lysine requirement of the growing chick. (Abstract). 4233 Imbalanced lysine feeds for starting or growing chicks. 4234 Effects of excess amino acids on growth of chicks fed amino acid deficient diets. (Abstract). |

4231

CHILO SUPPRESSALIS

| Effect of dietary lipids upon the lipase, pan- creatic cholesterol esterase, plasma triglyceride and total plasma lipids level in the chick. (Ab- | CHLOROPHENOXY-ALPHA-PROPIONIC ACID, 3- Current status on chemical thinning of peaches | Leaf beetle larvae of the subfamily Eumolpina and of Syneta betulae F. (Coleoptera, Chrysomolidae). |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| stract). 4261 | and pears in Michigan. | 384 |
| Lysine levels on chick growth and nitrogen | CHLOROPIDAE | CICADELLIDAE Problem insects in 1967 - how to control them i |
| utilization. (Abstract). | Larval feeding habits of certain Chloropidae | 1968. |
| 4264 | (Diptera). 3885 | 389 |
| Zinc toxicity and vitamin D for chicks. (Abstract). | CHLORTETRACYCLINE | CIRSIUM ARVENSE Now can you spot those weeds. |
| 4314 | Payzone nitrovin-A new growth promoter for | 405 |
| CHILO SUPPRESSALIS | poultry. (Abstract). | CITRUS |
| Study on attractant of the rice stem borer, Chilo suppressalis Walker. | Calf fattening trials with oral administration of | Virus diseases survey on citrus in the Black Se region. |
| 3835 | abdelin acid, aureomycin and chloramphenicol, | 395 |
| CHILOPODA On coular regeneration in Lithabius forficetus L | under controlled environmental conditions. 4146 | Melanose of citrus. |
| On ocular regeneration in Lithobius forficatus L. (Myriopoda Chilopoda). | CHOLESTEROL | 398 |
| 3832 | Effect of dietary lipids upon the lipase, pan- | Control of the citrus nematode, Tylenchulu semipenetrans, with 1,2-dibromo-3 |
| CHIRONOMIDAE The colonization of Lake Constance with | creatic cholesterol esterase, plasma triglyceride and total plasma lipids level in the chick. (Ab- | chloropropane in Taiwan. |
| Chironomidae. | stract). 4261 | CLADOSPORIUM FULVUM |
| 3765 | CHOLINE | Reaction of tomato varieties against Alternary |
| Ecological and systematic investigations of the Chironomidae (Diptera) of Lake Constance. A | Specificity of the chick's requirement for | solani and Cladosporium fulvum. 393 |
| contribution to the lake chironomide fauna of | choline. (Abstract). | CLASSIFICATION |
| the northern foothills of the Alps. | CHROMATOGRAPHY | The role of systematics in biology. |
| CHIRONOMUS | The hyperglycaemic activity of the corpus al- | 434 |
| Bloodwormspests of rice. | latum in an insect. | CLASTOPTERA UNDULATA Studies on the life history and biological control |
| CHLORAMPHENICOL 4037 | Lipids of Drosophila: A newly detected lipid in | of the spittlebug, Clastoptera undulata Uhle |
| Calf fattening trials with oral administration of | the male. | (Cercopidae: Hemiptera). |
| abdelin acid, aureomycin and chloramphenicol, | Notice of filing of position recording position | CLIMATE |
| under controlled environmental conditions. | Notice of filing of petition regarding pesticide chemicals. | Climate and the phylogeny and distribution of |
| A contribution to the salmonellosis of cattle and | 4293 | Tabanidae. 374 |
| its therapy. | Steroid alkaloids as compounds produced by potato tubers under stress. | Some observations on the late occurrence of |
| CHLORINATED HYDROCARBONS | 4323 | Peronospora on grapes in the period 1964-1966 |
| Protection of bees through the use of insecti- | New antheridiogen from the fern Onoclea sensi- | 396 Hygiene and animal diseases in Deux-Sevres (re |
| cides, harmless or only slightly dangerous to bees. | bilis. 4325 | gion of Coulonges-sur-l'Autize). |
| 3803 | A new antibiotic produced by a strain of Asper- | 414 |
| The toxic action of a mixture of gamma-BHC | gillus flavipes. | CLOSTRIDIUM PERFRINGENS Enterotoxaemia of calves evoked by Clostridium |
| and EDB to Cryphalus fulvus Niijima. Studies on the control of forest pests. V. | CHROMOSOMES 4334 | perfringens type B. |
| 3857 | Changes in soluble proteins during foot-pad | 411 |
| Changes in insecticide sensitivity in the bean | development in Sarcophaga bullata. | CLOVER Notes on toxicology: The clover. |
| weevil Acanthoscelides obtectus Say, brought about by induced pigment formation. | 3821 Chromosomes of Syrphidae. IV. Karyotypes of | 412 |
| 3867 | fourteen species in the tribe Chrysotoxini. | The effects of increasing molybdenum rates o |
| Low temperature sprays for Dutch elm disease control. | 3893 | building of dry material of clover. 432 |
| 3957 | Salivary gland chromosome variation in the Drosophila affinis subgroup. II. Comparison of | COBALT |
| Chemical control of stripe smut in Merion Ken- | C-chromosome patterns in D. athabasca and five | Cobalt and vitamin C for chicks. (Abstract). |
| tucky bluegrass. | related species. | COBALT ISOTOPES |
| Fungus diseases of cotton seedlings in Egypt. | Chromosomes of the cereal leaf beetle. | Effect of gamma-irradiation of late embryo of |
| 3972 | 3900 | the growth of silkglands and on silk production in the silkworm, Bombyx mori. |
| Damages done to beet seeds by the forest mouse (Apodemus sylvaticus). | Endomitosis in the mealy bug, Planococcus citri (Homoptera: Coccoidea). | 387: |
| 4092 | 3901 | Influence of various chelating agents on absorp |
| Some remarks on plant protection preparation- tolerances. | Mutation rates and mortalities after X-irradia- | tion of 60Co, 59Fe, 54Mn, and 65Zn b chickens. |
| 4292 | tion of the early development stages of Droso- phila melanogaster. | 410: |
| Tolerances and exemptions tolerances for pesti- | 3902 | COCCIDAE Microterys clauseni Compere (Hym.: Encyr |
| cide chemicals in or on raw agricultural com- modities. Trifluralin. | Notes on the chromosomes of two species of cockroaches. | tidae). |
| 4299 | 3904 | 3790 |
| Effects of heptachlor and nicotine on the barbels | Relative viability of heterozygotes and | COCCIDIOSIS Notice of filing of petition for food additives. |
| of a catfish (Heteropneustes fossilis). | homozygotes with respect to the irradiated chromosome in Drosophila melanogaster. | 4143 |
| The effect of different fungicides on the yeast | 3906 | Factors related to immunity of chickens to coc |
| flora during the treatment of grape vines. | CHRYSANTHEMUM A flower blight of chrysanthemum in South | cidiosis. (Abstract). |
| CHLORINE 4329 | A flower blight of chrysanthemum in South Florida. | Disinfection in parasitoses. |
| Effect of an iodophor on shelf life of poultry. | 3955 | 4148 |
| (Abstract). | CHRYSOLAMPUS ANOBII New Perilampidae (Hymenoptera: Chalci- | Activity of decoquinate against field strains of chicken coccidia. (Abstract). |
| CHLOROPHENOXY-ALPHA-PROPIONAMIDE, | doidea). | 4162 |
| 3 | CHRYSOMEI IDAE | Floor pen evaluations of the anticoccidial effects |
| Current status on chemical thinning of peaches and pears in Michigan. | CHRYSOMELIDAE Notes on the Chrysomelidae from Taiwan 1. | of decoquinate on single and mixed species of chicken coccidia. (Abstract). |
| 3913 | 3755 | 4163 |

COMPLEMENT FIXATION
Ovine genital brucellosis. Epididmytis of the ram
(Brucella ovis). The utilization of a new antigen for the complement fixation test and intradermal

Progress of the Soviet virology in foot-and-mouth disease studies.

Bulletin of the Entomological Society of Amer-

Nicarbazin. Drugs for veterinary use; drug effica-

Safety and compatability of sulfadimethoxine potentiated mixture (Ro 5-0013), a new broad spectrum coccidiostat-antibacterial, in chickens. (Abstract).

Anticoccidial activity of sulfadimethoxine poten-

Morpho-systematic studies on Collembola Part 0i. Materials to a revision of the genus Lepidocyrtus Bourlet, 1839 (Entomobryidae s. l.).

Investigations on Coccidia in zoo ruminants.

4174

4185

. 4195

reaction.

CONFERENCES

cy study implementation.

CRONARTIUM STALICTIFORME

Size independent secretion by the corpus allatum

The hyperglycaemic activity of the corpus allatum in an insect.

CORPORA CARDIACA

Effects of long-term cardiatectomy-allatectomy on mitochondrial respiration in the cockroach, Blaberus discoidalis.

of Calliphora erythrocephala.

Maritime Provinces.

CRONARTIUM STALICTIFORME

Occurrence of Cronartium comptoniae in the

4(18

4018

| tiated mixture (Ro 5-0013) in chickens. | 3739 | CORYNESPORA CASSIICOLA |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------|
| | Epidemiological analysis of disease reports of the | A new leaf spot of para rubber (Hevea brasiliensis) in Nigeria. |
| Buquinolate-A review. | Southern Conference on Avian Diseases. (Ab- | 3936 |
| 4218 | stract). | COSTS |
| Effect of prolonged infection by intestinal coc- | 4201 | Stretch your pest control dollars. |
| cidia upon zinc-65 and oleic acid absorption in | CONOTRACHELUS NENUPHAR | 3922 |
| broilers. (Abstract). | Disease and insect control in home orchards. | |
| | 3983 | Corn marigold (goldings, yellow oxeye, yellow |
| Prosphanilic acid derivatives. Patent 3,442,938. | CONVOLVULUS | bottle). 4072 |
| 4335 | Perennial bindweeds. | |
| COCCINELLIDAE | 4074 | Spraying post oak brush pays dividends. 4084 |
| Parasites of ladybirds (Coleoptera, Coccinel- | CONVOLVULUS ARVENSIS | |
| lidae) in Leningrad Province. | Now can you spot those weeds. | COTTON |
| 3844 | 4059 | Resistance of dwarf-internode castor (Ricinus |
| COCCOIDEA | COPPER | communis) to Verticillium wilt. |
| A new species of Eriococcus infesting American | Effect of environmental temperature on iron | |
| beach-grass in North Carolina (Homoptera: Coc- | deficiency anemia in Athens-Canadian random- | Survey, screening, and breeding for bacterial |
| coidea). 3785 | bred chicks. | blight resistance in cotton. |
| | 4257 | |
| Materials to the knowledge of the scale insects | COPPER CARBONATE | Fungus diseases of cotton seedlings in Egypt. |
| fauna of Yugoslavia (Homoptera, Coccoidea). | Diseases and parasites of the rose. | 3972 |
| 3786 | 3956 | Detectable levels of Xanthomonas malvacearu in |
| COELOMOMYCES | COPPER OXYCHLORIDE | cotton gin debris with the seed-soak method. |
| Infection experiments with a fungus (Coelomo- | Fungicides for Arabica coffee 17relationships | 4002 |
| myces) which kills malarial mosquitoes. (ab- | among some new fungicides, leaf rust (Hemileia | Some important aspects of cotton insect control. |
| stract). | vastatrix), leaf fall and yield. | 4044 |
| | 3967 | Investigations on cotton wilt in Western Turkey. |
| COENZYME A | COPPER SULFATE | 4252 |
| Contribution to the study of the treatment of | Changes in insecticide sensitivity in the bean | COTTONSEED |
| bovine ketosis. | weevil Acanthoscelides obtectus Say, brought | Effect of storage on cottonseed and cottonseed |
| | about by induced pigment formation. | products. |
| COFFEE | 3867 | 4283 |
| Mating and oviposition behavior of the coffee leaf miner, Leucoptera coffeella (Lepidoptera: | CORN | Evaluation of cottonseed soapstocks in broiler |
| Lyonetiidae). | Maize dwarf mosaic-Effects of virus strains A | diets. (Abstract). |
| 3888 | and B on yield and interaction effects of atrazine | 4317 |
| | and the virus on yield. | COTTONSEED MEAL |
| Fungicides for Arabica coffee 17relationships among some new fungicides, leaf rust (Hemileia | 3954 | Cottonseed meal, lysine, and methionine for |
| vastatrix), leaf fall and yield. | Distribution and host range of maize dwarf mosa- | layers. (Abstract). |
| 3967 | ic virus in Virginia. | 4219 |
| COLEOPTERA | 3998 | COUMAPHOS |
| Contribution to the fauna of the Congo (Braz- | Effects of early and late inoculation of maize | Food additives permitted in feed and drinking |
| zaville). Mission of A. Villiers and A. Descarpen- | dwarf mosaic virus strain A and B on shelled | water of animals or for the treatment of food- |
| tries. XLV. Coleoptera Ochodaeidae. | grain yields of susceptible and resistant maize | producing animals. Coumaphos. |
| 3745 | segregates of a three-way hybrid. | 4274 |
| Catalog of the Coleoptera of Angola. | 4001 | COVER CROPS |
| 3747 | Buggy-whip of corn and its relation to the in- | Influence of six cover crops on population densi- |
| A new click beetle of the genus Agriotes Esch. | cidence of common smut. | ty of Pratylenchus penetrans. |
| (Coleoptera, Elateridae) from Soviet central | 4017 | 4046 |
| Asia. | Hybrid corn yield reduction by stalk and root rot | COWPEAS |
| 3751 | in Nebraska. | Nine varieties of southern peas resistant to the |
| Notes on the Chrysomelidae from Taiwan 1. | 4027 | soybean cyst nematode. |
| 3755 | Why is the disinfection treatment of corn seeds | 4050 |
| | absolutely necessary. | CRAMBIDAE |
| A new species on neotropical seed weevil affect- ing pigeon peas, with notes on two closely related | 4030 | Study on attractant of the rice stem borer, Chilo |
| species (Coleoptera: Bruchidae: Bruchinae). | The lasting influence of triazines and the effect | suppressalis Walker. |
| 3756 | of herbicide mixtures in the treatment of corn. | 3835 |
| Larvae of injurious beetles (Coleoptera) in the | In: Collection of reports given at the Interna- | CRAMBINAE |
| soils of the Archeda Forest farm, Volgogard | tional Herbicide Conference, Prague, June 21- | Studies on the Crambinae (Lepidoptera). Par. |
| Province. | 24, 1966. | 44. New Neotropical genera and species. |
| 3795 | 4064 | Preliminary check-list of Neotropical Cram- |
| | CORN OIL | binae. |
| The insect fauna in the burrows of the long- clawed mole-vole, a Caucasian endemic species. | Influence on egg quantity and quality with | 3741 |
| 3845 | sorghum grain diets supplemented with corn oil | CRONARTIUM COMANDRAE |
| Problem insects in 1967 - how to control them in | and/or furazolidone. (Abstract). | Virginia pine, a new host for Cronartium coma 1- |
| 1968. | 4223 | drae. |
| 3891 | CORPORA ALLATA | 39/13 |
| | Physiological and ultrastructural study of the | CRONARTIUM COMPTONIAE |
| COLLEMBOLA Collembola fauna of Malta. | corpora allata of Locusta migratoria L. (Orthop- | Occurrence of Cronartium comptoniae in the |
| Concinuota tautta of ivialta. | tera) in the gregarious phase. | Maritime Provinces. |

Effects of long-term cardiatectomy-allatectomy

on mitochondrial respiration in the cockroach,

Blaberus discoidalis.

CROP LOSSES

Effects of early and late inoculation of maize dwarf mosaic virus strain A and B on shelled

| CROP LOSSES | grain yields of susceptible and resistant maize | CULICIDAE |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Crown rust of oats in Canada in 1968. | segregates of a three-way hybrid. | Fauna and ecology of mosquitoes in the southern |
| 3958 | | part of the Moscow district. |
| Losses from fusarium stem rot caused by Fusari- | CROPS Plant protection in the heart of Europe. Austrias | |
| um roseum, in production of cuttings of carna- | contribution to the international fight against | Insect metabolism of photoaldrin and photodiel- drin. |
| tion, Dianthus caryophyllus. | plant pests and diseases and, through this, to the | 3837 |
| | improvement of the food situation. | Food sources of some mosquito species in the |
| Lodging resistance in wheat. II. Identification of superior genetic stocks. | 3911 | natural focus of Tahyna virus in southern |
| superior genetic stocks. | Plant protection. Bulletin of the plant disease | Moravia. |
| Leaf rust of wheat in Canada in 1968. | control station of Geneva. February. | 3854 |
| 3999 | 3930 | The effect of the amount of blood taken and ad- |
| Brown rot control in Southern California. | Plant protection. Bulletin of the plant disease | ditional carbohydrate nutrition on oogenesis in |
| 4015 | control station of Geneva. August. | females of blood-sucking mosquitoes of the genus Aedes (Diptera, Culicidae) of various |
| Hybrid corn yield reduction by stalk and root rot | Plant protection. Bulletin of the plant disease | weights and ages. |
| in Nebraska. | control station of Geneva. September. | 3886 |
| 4027 | 3932 | CULICOIDES |
| The peach twig borer and its control. | The plant disease observatory of Milan. | Biting midges of the genus Culicoides Mg. (Dip- |
| 4032 | 3940 | tera, Ceratopogonidae) from the Valley of the |
| Nematodes are destructive to your plants. | Plant protection. Bulletin of the Plant Disease | Middle Reaches of the Desna. 3874 |
| 4053 | Station of Geneva, March. | |
| CROP ROTATION | 4010 | CULTURAL CONTROL (INSECTS) |
| Crop rotation hygiene in grain cultures. | Plant protection. Bulletin of the Plant Disease | Bloodwormspests of rice. |
| 3912 | Station of Geneva. June. | |
| Weeds mean waste Know your weeds and how to | 4011 | Raspberry moth. |
| control them. | Plant protection. Bulletin of the Plant Disease | CULTURAL CONTROL (PLANT DISEASES) |
| 4066 | Station of Geneva. October. 4012 | Stem and root diseases of beans. |
| CROP VARIETIES | Plant protection. Bulletin of the Plant Disease | 3941 |
| Reaction of tomato varieties against Alternaria solani and Cladosporium fulvum. | Station of Geneva. April. | CULTURAL CONTROL (WEEDS) |
| 3935 | 4013 | Corn marigold (goldings, yellow oxeye, yellow |
| | Phytopathological problems in Austria. | bottle). |
| Plant pathology field day. | 4021 | 4072 |
| Additional varieties of Agrostis palustris infected | CROWN GALLS | Further test of the control of Avena fatua in |
| by Ustilago striiformis var. agrostidis. | Studies on crown gall bacteria, Agrobacterium | sugar beets. |
| 3968 | tumefaciens Conn II. Electron microscopic ob- | 4079 |
| Virulence of various groups of loose smut of bar- | servation on the fine structure in dividing and | CULTURE MEDIA |
| ley, (Ustilago nuda (Jens.) Rostr.) physiological | non-dividing phases. 3990 | Electron microscope examination of ultra-thin sections of Streptomyces viridochromogenes for |
| races in the light of anatomical investigations of | | hyphal anastomoses. |
| spring barley varieties different with regard to re- | CROWN RUST Crown rust of oats in Canada in 1968. | 3910 |
| sistance. I. Spreading of pathogene in host plant | 3958 | The in vitro establishment of pith calluses and |
| tissue. | CRYPHALUS FULVUS | nodal tumors of Brassica oleracea. |
| | The toxic action of a mixture of gamma-BHC | 4004 |
| A race of Ustilago tritici virulent on Thatcher wheat and its derivatives. | and EDB to Cryphalus fulvus Niijima. Studies on | Identification of races of Pseudomonas phaseol- |
| 3989 | the control of forest pests. V. | icola from Quebec bean fields. |
| Development of a new variety of tomato named | 3857 | 4022 |
| Miguel pereira, with resistance to both Fusarium | CRYPTOCOCCUS | Stability of taxonomic characters in cultures of |
| and Verticillium wilts. | Contribution to the study of bovine mastitis due to fungi. | Diplodia and related genera as influenced by various carbon sources. (Abstract). |
| 3997 | 4125 | 4330 |
| Effects of early and late inoculation of maize | CTENOPHORA | CURCULIONIDAE |
| dwarf mosaic virus strain A and B on shelled | A description of the developmental stages of | New species of Hypera (Coleoptera, Curcu- |
| grain yields of susceptible and resistant maize | Ctenophora guttata Wied, and a review of the | lionidae) from the Crimean Mountains. |
| segregates of a three-way hybrid. | Czechoslovak species of the genus Ctenophora | 3787 |
| Wild species as a source of resistance to diseases. | (Dipt., Tipulidae). | CURRANTS |
| wild species as a source of resistance to diseases. | | Perennial bindweeds. |
| Influence of six cover crops on population densi- | CTENOPHORA GUTTATA A description of the developmental stages of | 4074 |
| ty of Pratylenchus penetrans. | Ctenophora guttata Wied, and a review of the | CURVULARIA |
| 4046 | Czechoslovak species of the genus Ctenophora | An unexpected effect of benomyl on two gladio- lus varieties. |
| Nine varieties of southern peas resistant to the | (Dipt., Tipulidae). | 4321 |
| soybean cyst nematode. | 3847 | CUTICLE |
| 4050 | CUCULLIINAE | Temperature and circadian control of cuticle |
| Evaluation of various bird-resistant and non-re- | On the identity of 'Dasythorax ogasawarae Mat- sumura' (Lepidoptera, Noctuidae, Cuculliinae). | growth on the bug, Oncopeltus fasciatus. |
| sistant varieties of grain sorghum for use in | sumura (Lepidoptera, Noctuldae, Cucummae). | 3814 |
| broiler diets. | CUCUMBERS | Role of the cuticle in egg spoilage. (Abstract). |
| | Fungal and bacterial diseases of crucifers and cu- | 4253 |
| An unexpected effect of benomyl on two gladio- lus varieties. | curbits in western Ontario in 1967. | CYNIPOIDEA The aborders concretion of Collishutis quartum |
| 4321 | 3996 | The alternate generation of Callirhytis quercus- suttonii (Bassett)(Hymenoptera: Cynipoidea). |
| CROP YIELDS | Resistance to benomyl in powdery mildew of cu- | 4038 |
| Electrifying agriculture and horticulture. | curbits. | CYSTS |
| 3921 | | A case of bilateral polycystic kidneys in a cat. |
| Maize dwarf mosaic-Effects of virus strains A | A contribution to the bionomy of Culex | 4137 |
| and B on yield and interaction effects of atrazine | modestus Fic. (Diptera, Culicidae) in southern | CYTISUS SCOPARIUS |
| and the virus on yield. | Moravia. | Studies on the insect fauna on Scotch broom |
| 3954 | 3855 | Sarothamnus scoparius (L.) Wimmer. |
| Micronutrients: The secret of better yields for | CULEX TARSALIS | |
| farmers. | Changes in the composition of lipids and fatty | CYTOGENETICS Meiosis in the male of Puto albicans (Coccoidea- |
| Effects of early and late inoculation of maize | acids in adult Culex tarsalis and Anopheles freeborni during the overwintering period. | Homoptera). |
| durant morning and rate moculation of malze | 11eebolin during the overwintering period. | 3894 |

3894

4202

4239

| Salivary gland chromosome variation | | Insect control for garden vegetables. | 2016 | DEGRADATION |
|-----------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------|
| Drosophila affinis subgroup. II. Compa C-chromosome patterns in D. athabasca | arison of and five | Diseases and parasites of the rose. | 3916 | Two types of carboxyesterase degradin malathion in resistant houseflies and their inhibitions. |
| related species. | 3899 | Diseases and parasites of the rose. | 3956 | tion by synergists. |
| Chromosomes of the cereal leaf beetle. | 3077 | Low temperature sprays for Dutch elm | disease | 385 DEHYDRATION (PHYSIOLOGICAL) |
| Circuiosomes of the cereal real occue. | 3900 | control. | 3957 | The influence of feed and water restriction and |
| Endomitosis in the mealy bug, Planocoo | ccus citri | Raspberry moth. | | pitressin administration upon thyroxine secretio in domestic fowl. |
| (Homoptera: Coccoidea). | 3901 | | 4039 | 410 |
| YTOLOGY | | Estrogenic activity of o,p'-DDT in th malian uterus and avian oviduct. | e mam- | DEMETON |
| Purification, ultrastructure, and compo | sition of | manar die de and avian evidaet. | 4095 | Some remarks on plant protection preparation tolerances. |
| axial filaments from Leptospira. | 4188 | Effect of storage on cottonseed and co | ttonseed | 429 |
| Light and electron microscope investiga | | products. | 4283 | DENDROCTONUS Specificity of population-aggregatin |
| the formation of the oocyst wall in Eim cies (Eimeria perforans, E. stiedae, and | | Some remarks on plant protection prep | oaration- | pheromones in Dendroctonus. |
| la). | | tolerances. | 4292 | 386 |
| WWW.DV ACA | 4229 | Investigation to determine the respective | | DERMESTIDAE The palearctic species of Megatoma Herbs |
| YTOPLASM Studies on crown gall bacteria, Agrob | acterium | amounts of DDT and its analogues in | the milk | (Coleoptera, Dermestidae). |
| tumefaciens Conn II. Electron microsc | opic ob- | and back fat of selected dairy animals. | 4300 | DEUTEROMYCETES 376 |
| servation on the fine structure in divi- non-dividing phases. | ding and | DDT residues in beef cows fed apple pon | | Contribution to the study of bovine mastitis du |
| non arriang phases. | 3990 | | 4302 | to fungi. |
| , 2,4- | | DECOQUINATE Penetration and development of Eimeria | mavima | DEVELOPMENT 412: |
| Defoliation effects on forest ecology. | 4062 | sporozoites and the static effect of deco | | Investigations on the development of Aegyp |
| Ragwort. | | (Abstract). | 4128 | tianella pullorum Carpano, 1928, in the soft tic Argas (Persicargas) persicus.(Oken, 1818) b |
| | 4073 | Activity of decoquinate against field st | | means of fluorescent antibodies. |
| Perennial bindweeds. | 4074 | chicken coccidia. (Abstract). | | 382 |
| Defoliation effects on forest ecology. | 4074 | Floorman analysticus of the auticoscidio | 4162 | Minimum time for development and life span o metacercariae. |
| Determinent entertie en reseat econogy. | 4080 | Floor pen evaluations of the anticoccidia of decoquinate on single and mixed sp | | 4270 |
| Distribution, importance and problems | | chicken coccidia. (Abstract). | | DEXTRANS Dextran 6 percent W/V in saline (plasma volume |
| cide use in Yugoslavia. In: Collection o given at the International Herbicide Cor | | DEER | 4163 | expander). Drugs for veterinary use; drug effica |
| Prague, June 21-24, 1966. | | Flaphostrongylus cervi Cameron, 1931 | | cy study implementation. |
| Effective methods for the use of heah | 4083 | central nervous system of red deer | (Cervus | DI-ALLATE |
| Effective methods for the use of herb combination with the mineral fertilizers | | elaphus). | 4271 | Further test of the control of Avena fatua in |
| lection of reports given at the Internation | nal Her- | DEFICIENCY DISEASES | | sugar beets. |
| bicide Conference, Prague, June 21-24, | 4085 | Vitamin A deficiency: Effect on retinal s of the moth, Manduca sexta. | tructure | The use of the pre-emergence herbicide Avade: |
| Reduction of preharvest drop and wate | r spot of | or the moth, Managea sexta. | 3807 | and Avadex BW in the band spraying method. |
| navel oranges in Southern California. | 4331 | Intestinal histology of vitamin A deficient | t chicks. | DIABETES 4343 |
| AIRY CATTLE | 1001 | (Abstract). | 4113 | Oral therapy of diabetes mellitus in dogs with |
| Insects and mites of livestock and | in farm | Reproductive abnormalities in hens defi | icient in | Glycodiazin. 4160 |
| buildings. | 3792 | linoleic acid. (Abstract). | 4123 | DIAGNOSIS |
| Spohn's udder aid. Drugs for veterinary | use; drug | The amino acid deficiencies of blood r | | Phoma exigua Desm. and its varieties. 3945 |
| efficacy study implementation. | 4176 | the chick. | 4149 | Illustrative scales for the evaluation of potato |
| Food additives permitted in feed and | | The efficacy of trans and cis vitamin | | scab and Rhizoctonia infection. |
| water of animals or for the treatment | | stract). | | 4024 Enterotoxaemia of calves evoked by Clostridium |
| producing animals. Coumaphos. | 4274 | A .: | 4158 | perfringens type B. |
| Investigation to determine the respective | | Animal food composition. Patent 3,428,4 | 4159 | Allamore tasts and false procedure in the |
| amounts of DDT and its analogues in and back fat of selected dairy animals. | the milk | Relationship of biotin to leg weakness in | turkeys. | Allergy tests and false reactions in the preventior of bovine tuberculosis. |
| and one rat of screeted dairy annuals. | 4300 | (Abstract). | 4161 | 4150 |
| AIRY PRODUCTS | | The linoleic acid requirement of the | | Towards the eradication op bovine tuberculosis. 4172 |
| The importance of brucellosis infection it to human health. | in regard | reproduction. (Abstract). | | Progress of the Soviet virology in foot-and |
| | 4237 | Amino acids Versus protein in low prote | 4192 | mouth disease studies. |
| ASYPOLIA LAMA On the identity of 'Dasythorax ogasawa' | rae Mat- | layer diets. abstract). | | An improvement of the indirect fluorescent an- |
| sumura' (Lepidoptera, Noctuidae, Cucul | lliinae). | A mine solds and inquites as a control | 4206 | tibody test for the diagnosis of intraerythrocytic |
| ACUTIODAY OCACAWADAE | 3777 | Amino acids and isonitrogenous turkey diets. (Abstract). | starter | parasitic infections. |
| ASYTHORAX OGASAWARAE On the identity of 'Dasythorax ogasawa | rae Mat- | | 4207 | The mycotic abortions in the cow. |
| sumura' (Lepidoptera, Noctuidae, Cucul | lliinae). | Optimum destruction of rachitogenic ac C-I protein. (Abstract). | tivity of | 4194 |
| DT | 3777 | 5 · protonii (riodiaet). | 4247 | Epidemiological analysis of disease reports of the Southern Conference on Avian Diseases. (Ab- |
| Changes in insecticide sensitivity in t | | Effect of environmental temperature | | stract). |
| weevil Acanthoscelides obtectus Say, about by induced pigment formation. | brought | deficiency anemia in Athens-Canadian r bred chicks. | | 4201 A survey of Brucella infection of cattle in Kenya. |
| maded pigment formation. | 3867 | | 4257 | A comparison of four serological tests for the |
| Heterogeneity in the Trinidad D | | DEFOLIATION Defoliation effects on forest ecology. | | diagnosis of infection. |
| SISTANT strain and the QS susceptible Aedes aegypti L. The isolation of highly | | | 4062 | Electron microscopy as an aid to the rapid |
| and highly susceptible substrains. | 3907 | Defoliation effects on forest ecology. | 4080 | identification of animal viruses. |
| | | | | |

3907

DIANTHUS CARYOPHYLLUS

| Symposium on Brucellosis in Ireland. I. Brucellosis: Bacteriology and epidemiology. II. Brucellosis: Serological diagnosis. III. Vaccines and bru- | DIET The effect of diet on the physiology of the brown-tail moth, Euproctis chrysorrhoea L. | Imbalanced lysine feeds for starting or growin chicks. |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| cellosis. | (Lepidoptera, Liparidae). | Effects of excess amino acids on growth of chicl |
| Milk fever in the dog. | Emtryl and antibiotics for turkey breeders. (Ab- | fed amino acid deficient diets. (Abstract). |
| Toxocariasis in man and animals. | stract). | The influence of high level of L-phenylalanine of |
| 4282 | Influence of dietary fat, soybean meal treatment | chicks hatched from pullets fed same level of I phenylalanine. (Abstract). |
| Organic phosphate poisoning of sheep in Skull Valley, Utah. | and antibiotic supplementation on growth of chicks fed different carbohydrates. | 424 Optimum destruction of rachitogenic activity |
| 4304 | 4120 | C-1 protein. (Abstract). |
| British poisonous plants. 4308 | Reproductive abnormalities in hens deficient in linoleic acid. (Abstract). | 424 Low lysine diets for rearing replacement pullet |
| Some recent aspects of veterinary toxicology: Attempted comparison with human toxicology. | The relation of protein level of alfalfa meals to | (Abstract). |
| 4316 | their vitamin K activity. (Abstract). | Essential amino acid levels for starting poult |
| DIANTHUS CARYOPHYLLUS Losses from fusarium stem rot caused by Fusari- | 4130 Aflatoxin studies with White Rock chickens. | (Abstract). |
| um roseum, in production of cuttings of carnation, Dianthus caryophyllus. | (Abstract). | Strontium metabolism in hens. (Abstract). |
| 3969 | 4135 Evaluation of various bird-resistant and non-re- | 425 |
| DIAPORTHE CITRI Melanose of citrus. | sistant varieties of grain sorghum for use in broiler diets. | Effect of dietary lipids upon the lipase, par creatic cholesterol esterase, plasma triglyceric |
| 3988 | 4139 | and total plasma lipids level in the chick. (Al stract). |
| DIAZINON Insect control for garden vegetables. | Effect of methionine on a growth depression in- duced by supplementing a corn-soybean meal | 426 |
| 3916 Diseases and parasites of the rose. | diet with lysine. | Lysine levels on chick growth and nitroge utilization. (Abstract). |
| 3956 | Dietary magnesium requirement of the laying | 426 Evaluation of cottonseed soapstocks in broile |
| DIBROMO-3-CHLOROPROPANE, 1,2- Control of the citrus nematode, Tylenchulus | hen. (Abstract). | diets. (Abstract). |
| semipenetrans, with 1,2-dibromo-3- chloropropane in Taiwan. | Sulfur amino acid requirement of laying hens. | DIETHYLSTILBESTROL 43I |
| 4057 | (Abstract). | Notice of filing of petition for food additive |
| DICAMBA Tolerances and exemptions from tolerances for | Relationship of biotin to leg weakness in turkeys. | diethylstilbestrol. 414 |
| pesticide chemicals in or on raw agricultural commodities. Dicamba. | (Abstract). 4161 | DIGITALIN Digitalin metabolism in cardiac insufficiency of |
| 4295 | Growth depressing effect of excess leucine in relation to the amino acid composition of the | the dog. |
| DICHLORO-2,2-BIS(P-CHLOROPHENYL) ETHYLENE, I,I- | diet. (Abstract). | DIGITALIS PURPUREA 430 |
| Investigation to determine the respective residue amounts of DDT and its analogues in the milk | Effect of phytate on the apparent calcium | Digitalin metabolism in cardiac insufficiency of the dog. |
| and back fat of selected dairy animals. | requirements of chicks. (Abstract). | 430 |
| DICHLORO-4-NITROANILINE, 2,6- | Effects of calcium levels in pullet developers. | DIGITARIA Controlling weeds in tobacco with benefin. |
| Efficacy of fungicides, hot water and gamma-ir- radiation for control of postharvest fruit rots of | (Abstract). | 406 |
| papaya. | The threonine requirement of the pullet and adult hen. (Abstract). | DIMETHOATE Notice of filing of petition regarding pesticid |
| DICHLOROPHENYL P-NITROPHENYL ETHER, 2,4- | 4199 | chemicals. 429 |
| 2,4-dichlorophenyl p-nitrophenyl ether. Notice | Dietary amino acids and muscular dystrophy. (Abstract). | DINITROCRESOL |
| of extension of temporary tolerances. | 4203 | Protection of bees through the use of insect cides, harmless or only slightly dangerous t |
| DICHLOROPROPANE DICHLOROPROPENE MIXTURE | Effect of ascorbic acid withdrawal on interior egg quality. (Abstract). | bees. 380 |
| Soil fumigation at Boskoop. 3925 | 4204 Studies on the sodium requirements of chicks. | DINOCAP |
| DICHLORVOS | (Abstract). | The effect of different fungicides on the year flora during the treatment of grape vines. |
| An attempt to eliminate the principal parasitic nematodes of dogs by using a new phosphoric | 4205 Amino acids Versus protein in low protein cage- | DIPHENYLAMINE 432 |
| ester. 4277 | layer diets. abstract). | Chemical injury on Golden Delicious apple |
| DICROCHELES PHALAENODECTES | Amino acids and isonitrogenous turkey starter | treated with diphenylamine. |
| Record of the moth ear mite, Dicrocheles phalaenodectes, in Ohio (Acarina: Mesostig- | diets. (Abstract). | DIPLODIA Stability of taxonomic characters in cultures of |
| mata). 3865 | Cobalt and vitamin C for chicks. (Abstract). 4210 | Diplodia and related genera as influenced b various carbon sources. (Abstract). |
| DICTYOCAULUS FILARIA Experiments on the loss of Dictyocaulus filaria | The effect of added energy on induced | 433 |
| from the lungs of infected sheep. II. The demonstration of worms in the bronchial spare mucus. | Mycoplasma gallisepticum infection in broilers. (Abstract). | DIPPING Control of Mycoplasma meleagridis infection i |
| 4276 | 4212 | turkeys. (Abstract). |
| DIEBACK Dutch elm disease detected in Alabama. | Specificity of the chick's requirement for choline. (Abstract). | The use of serologic methods for the control of |
| 3947 Low temperature sprays for Dutch elm disease | 4221 Influence on egg quantity and quality with | Mycoplasma meleagridis in turkeys. (Abstract). 419 |
| control. | sorghum grain diets supplemented with corn oil | Field significance of Mycoplasma meleagridis in fection (Abstract) |
| DIELDRIN 3957 | and/or furazolidone. (Abstract). 4223 | fection. (Abstract). |
| Insect metabolism of photoaldrin and photodiel- drin | Lysine requirement of the growing chick. (Abstract). | Shell quality effect on Salmonella penetration (Abstract). |
| | | 100 |

Investigations concerning the ultrastructure and etiology of the mast cell tumors in the dog.

Milk fever in the dog.

A survey of leaf-miners and their parasites on Laburnum.

DIPTERA

Further studies on the anthelmintic activity of I-tetramisole against gastro-intestinal helminths in sheep.

| 3171 | Milk fever in the dog. | 4219 |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Faunal and ecological study on the families Nycteribiidae and Streblidae (Dipt., Pupipara) of the | An attempt to eliminate the principal parasitic | Digitalin metabolism in cardiac insufficiency of the dog. |
| Nangahar Province (Eastern Afghanistan). | nematodes of dogs by using a new phosphoric | 4307 Contribution to the study of hydrogen sulfide |
| Insect metabolism of photoaldrin and photodiel- | ester. 4277 | poisoning of domestic animals. |
| drin. 3837 | Digitalin metabolism in cardiac insufficiency of the dog. | 4311 The influence of antibiotics on mineral metabol- |
| Review of the parasitic Diptera of the genus | 4307 | ism. |
| Eriothrix meigen (Diptera, Tachinidae) in the USSR. | DOSAGE Effect of gamma-irradiation of late embryo on | Zinc toxicity and vitamin D for chicks. (Ab- |
| 3838 | the growth of silkglands and on silk production in | stract). |
| The insect fauna in the burrows of the long- clawed mole-vole, a Caucasian endemic species. | the silkworm, Bombyx mori. 3875 | The effects of increasing molybdenum rates on |
| 3845 | How to prevent sun and heat damage to desert- | building of dry material of clover. 4322 |
| Larval feeding habits of certain Chloropidae (Diptera). | grown tomatoes. 3909 | Reduction of preharvest drop and water spot of |
| DISEASE CONTROL | Soil fumigation at Boskoop. 3925 | navel oranges in Southern California. 4331 |
| Experimental control Mycoplasma meleagridis | Disease and insect control in home orchards. | What you should know about concentrate spray- |
| in turkeys by the temperature differential dipping of eggs in tylosin and spiramycin. (Ab- | 3983 | ing. 4342 |
| stract). | Defoliation effects on forest ecology. 4062 | The first maximum dosage regulation for plant |
| Control of Mycoplasma meleagridis infection in | The development of chemical weed control in | protection preparations in the Federal Republic of Germany. |
| turkeys. (Abstract). | ornamental plants in fields. 4063 | 4347 |
| Regulating the shipment of living pests, | Weed control in fruits and nuts. | The occurrence of the downy mildew disease of |
| pathogens and vectors. | Weed control in vegetables. | tobacco. |
| DISEASE TRANSMISSION | 4071 | DRAINAGE DITCHES |
| Observations on the effect of the re-use of broiler litter on the incidence of Marek's disease. (Ab- | Corn marigold (goldings, yellow oxeye, yellow bottle). | Chemical weed control in irrigation channels and drains. |
| stract). | 4072 | 4061 |
| Control of Mycoplasma meleagridis infection in | The anabolic steroids and their use in veterinary therapeutics. | DROSOPHILA Salivary gland chromosome variation in the |
| turkeys. (Abstract). | 4099 | Drosophila affinis subgroup. II. Comparison of C-chromosome patterns in D. athabasca and five |
| An improvement of the indirect fluorescent an- | Influence of protamone on bone fragility of caged hens. (Abstract). | related species. |
| tibody test for the diagnosis of intraerythrocytic parasitic infections. | 4103 | DROSOPHILA MELANOGASTER |
| 4183 | The effects of a single massive dose of phenyl- hydrazine on different hematological traits of | Changes in gonads and primary sexual characters in triploid intersexes of Drosophila melanogaster |
| Egg transmission studies of Type II leukosis infection (Marek's disease). | chickens. (Abstract). | (Diptera) exposed to the effect of different tem- |
| DICHIA DANIA NA CUTA | Tests on laboratory animals and on tubercular | peratures. 3842 |
| DISPHARYNX NASUTA Efficacy of several drugs for control of poultry | cows in order to determine the value of the mor- ruato cupric colloidal (gadusan) in the in- | Lipids of Drosophila: A newly detected lipid in |
| nematodes. (Abstract). | tradermal reaction. | the male. 3895 |
| DISULFOTON | Dietary magnesium requirement of the laying | The influence of the genotype on the frequency of radiation-induced aneuploidy in the oogenesis |
| Fungus diseases of cotton seedlings in Egypt. | hen. (Abstract). | of Drosophila melanogaster. |
| DITHIOCARBAMOYLHYDRAZINE | Embryostat (oxytetracycline powder). Drugs for | 3897 Mutation rates and mortalities after X-irradia- |
| Appetite suppression in hamsters and swine fed a dithiocarbamoylhydrazine (ICI 33828). | veterinary use, drug efficacy study implementa- tion. | tion of the early development stages of Droso- phila melanogaster. |
| DITYLENCHUS DIPSACI | A173 | 3902 |
| Host resistance reflected in differential ne- | Nicarbazin. Drugs for veterinary use; drug efficacy study implementation. | Relative viability of heterozygotes and homozygotes with respect to the irradiated |
| matode population structures. 4058 | 4174 Spohn's udder aid. Drugs for veterinary use; drug | chromosome in Drosophila melanogaster. |
| DIURNAL RHYTHM Temperature and circadian control of cuticle | efficacy study implementation. | DRUG THERAPY |
| growth on the bug, Oncopeltus fasciatus. | 4176 Dextran 6 percent W/V in saline (plasma volume | Comparative studies of American and African Trypanosomiasis. |
| DOGS 3814 | expander). Drugs for veterinary use; drug efficacy study implementation. | 3908 |
| Chronic follicular hypertrophic-hyperplastic gas- | 4177 | Experimental control Mycoplasma meleagridis in turkeys by the temperature differential |
| tritis in a dog. | Nystatin for feed formulation. Drugs for veterinary use, drug efficacy study implementation. | dipping of eggs in tylosin and spiramycin. (Abstract). |
| Notice of filing of petition for food additive nitrodan. | 4179 | 4118 |
| 4144 | Anticoccidial activity of sulfadimethoxine potentiated mixture (Ro 5-0013) in chickens. | Notes on toxicology: The clover. 4122 |
| Oral therapy of diabetes mellitus in dogs with Glycodiazin. | 4196 | Contribution to the study of bovine mastitis due |
| 4160 | Antibacterial activity of sulfadimethoxine potentiated mixture (Ro 5-0013). (Abstract). | to fungi. |
| Sulfadimethoxine injectable. Drugs for veterinary use; drug efficacy study implementation. | 4197 Buquinolate-A review. | Penetration and development of Eimeria maxima sporozoites and the static effect of decoquinate. |
| 4180 | 4218 | (Abstract). |
| Disseminated geotrichosis in a dog. 4182 | Therapeutic efficacy of ronidazole in water against histomoniasis and effect of continuous | 4128 Oral therapy of diabetes mellitus in dogs with |
| Glycemia in dogs. | feed levels on growth in turkeys. (Abstract). | Glycodiazin. 4160 |
| 4184 | 4245 | 4100 |

DRUGS

| Floor pen evaluations of the anticoccidial effects of decoquinate on single and mixed species of chicken coccidia. (Abstract). | Nystatin for feed formulation. Drugs for veterinary use. drug efficacy study implementation. 4179 | Shell quality effect on Salmonella penetration (Abstract). 422: |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Effect of nitrofurazone and furazolidone on reproduction in chickens. | Sulfadimethoxine injectable. Drugs for veterinary use; drug efficacy study implementation. 4180 | Egg transmission studies of Type II leukosis in fection (Marek's disease). 423 |
| 4169 Embryostat (oxytetracycline powder). Drugs for | Some recent aspects of veterinary toxicology: Attempted comparison with human toxiocology. | Role of the cuticle in egg spoilage. (Abstract). |
| veterinary use, drug efficacy study implementation. | 4316 Prosphanilic acid derivatives. Patent 3,442,938. 4335 | Food additives permitted in feed and drinking water of animals or for the treatment of food |
| Nicarbazin. Drugs for veterinary use; drug efficacy study implementation. | DUCKLINGS Effect of energy-protein balance, energy intake | producing animals. Food additives permitted in food for human consumption. Buquinolate. 429' |
| Safety and compatability of sulfadimethoxine potentiated mixture (Ro 5-0013), a new broad | and methionine on growth and body composition of ducklings. (Abstract). 4140 | Factors related to immunity of chickens to coc |
| spectrum coccidiostat-antibacterial, in chickens. (Abstract). | DUCKS Duck virus enteritis (duck plague). Interstate | cidiosis. (Abstract). 414 Activity of decoquinate against field strains o |
| Ovarian cysts in cattle and its therapy with | movement. 4110 | chicken coccidia. (Abstract). |
| Gestafortin and prolan preparations. | DUSTING Insect control for garden vegetables. | Floor pen evaluations of the anticoccidial effect of decoquinate on single and mixed species o |
| Anticoccidial activity of sulfadimethoxine potentiated mixture (Ro 5-0013) in chickens. | Corn earworm threatens snapbeans. | chicken coccidia. (Abstract). |
| 4196 Antibacterial activity of sulfadimethoxine poten- | DWARF MOSAIC | Investigations on Coccidia in zoo ruminants. 4195 |
| tiated mixture (Ro 5-0013). (Abstract). | Maize dwarf mosaic-Effects of virus strains A and B on yield and interaction effects of atrazine and the virus on yield. | Anticoccidial activity of sulfadimethoxine poten tiated mixture (Ro 5-0013) in chickens. |
| Contribution to the study of the treatment of bovine ketosis. | 3954 Distribution and host range of maize dwarf mosa- | 4196 Buquinolate-A review. |
| 4200 Buquinolate-A review. | ic virus in Virginia. | 4218 |
| 4218 | 3998 Effects of early and late inoculation of maize | Light and electron microscope investigations or the formation of the oocyst wall in Eimeria spe- |
| A contribution to the salmonellosis of cattle and its therapy. 4243 | dwarf mosaic virus strain A and B on shelled grain yields of susceptible and resistant maize | cies (Eimeria perforans, E. stiedae, and E. tenella). |
| Therapeutic efficacy of ronidazole in water | segregates of a three-way hybrid. 4001 | EIMERIA ACERVULINA |
| against histomoniasis and effect of continuous feed levels on growth in turkeys. (Abstract). | ECHINOCHLOA Further research on the control of Echinochloa | Effect of prolonged infection by intestinal coccidia upon zinc-65 and oleic acid absorption in broilers. (Abstract). |
| Effect of spectinomycin on experimentally in- | in rice fields. | 4250 |
| duced Arizona group infection in turkeys. (Abstract). | ECHINOCHLOA CRUSGALLI Controlling weeds in tobacco with benefin. | EIMERIA MAXIMA Penetration and development of Eimeria maxima sporozoites and the static effect of decoquinate. |
| Efficacy of several drugs for control of poultry | ECOLOGY 4065 | (Abstract). |
| nematodes. (Abstract). 4272 | Harmlessness of herbicides for the biocenosis. In: Collection of reports geven at the International | EIMERIA NECATRIX |
| An attempt to eliminate the principal parasitic nematodes of dogs by using a new phosphoric ester. | Herbicide Conference, Prague, June 21-24, 1966. | Effect of prolonged infection by intestinal coccidia upon zinc-65 and oleic acid absorption in broilers. (Abstract). |
| 4277 | ECONOMICS | 4250 |
| Comparative toxicology of organic and inorganic arsenicals in swine. | Chemical weed control in irrigation channels and drains. 4061 | Mid small intestinal parasitism and absorption of amino acids and protein. (Abstract). 4251 |
| Digitalin metabolism in cardiac insufficiency of | EGGS | ELATERIDAE |
| the dog. 4307 | Reproductive abnormalities in hens deficient in linoleic acid. (Abstract). 4123 | A new click beetle of the genus Agriotes Esch. (Coleoptera, Elateridae) from Soviet central Asia. |
| DRUGS Inherited resistance to sulfaquinoxaline toxicity | Sulfur amino acid requirement of laying hens. | 3751 |
| in the chicken. (Abstract). | (Abstract). | Insect control for garden vegetables. 3916 |
| Notice of filing of petition for food additives. 4143 | Effect of nitrofurazone and furazolidone on reproduction in chickens. | Physiological and ultrastructural study of the |
| Embryostat (oxytetracycline powder). Drugs for veterinary use, drug efficacy study implementa- | Control of Mycoplasma meleagridis infection in turkeys. (Abstract). | corpora allata of Locusta migratoria L. (Orthoptera) in the gregarious phase. 3831 |
| tion. 4173 | 4171 | An electron microscope study of thoracic mitochondriac membranes in developing adults |
| Nicarbazin. Drugs for veterinary use; drug efficacy study implementation. | Effect of ascorbic acid withdrawal on interior egg quality. (Abstract). | of the blowfly Lucilia cuprina. |
| Sodium propionate. Drugs for veterinary use; drug efficacy study implementation. | Field significance of Mycoplasma meleagridis infection. (Abstract). | Electron microscope examination of ultra-thin sections of Streptomyces viridochromogenes for |
| 4175 | 4214 Bacterial contamination and performance of | hyphal anastomoses. |
| Spohn's udder aid. Drugs for veterinary use; drug efficacy study implementation. 4176 | leghorn breeders on sloping wire Versus litter floors. (Abstract). | Investigations on hydrangea ring spot virus and proof of its presence in Italy. 3942 |
| Dextran 6 percent W/V in saline (plasma volume | Cottonseed meal, lysine, and methionine for | Freezing and thawing of purified suspensions of |
| expander). Drugs for veterinary use; drug efficacy study implementation. | layers. (Abstract). 4219 | the tobacco mosaic virus and its effect on infectivity. |
| Sulfisoxazole. Drugs for veterinary use; drug ef- | Influence on egg quantity and quality with sorghum grain diets supplemented with corn oil | Some observations on the shape and localization |
| ficacy study implementation. 4178 | and/or furazolidone. (Abstract). | of different viruses in experimentally infected plants, and on the fine structure of the host cells. |
| | | |

| IV:ABABIS mosaic virus in Petunia hybrida Hort. 3959 | The effect of added energy on induced Mycoplasma gallisepticum infection in broilers. (Abstract). | Occurrence of Cronartium comptoniae in the Maritime Provinces. 4018 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | (Abstract). | |
| Studies on crown gall bacteria, Agrobacterium | ENTERITIS | Susceptibility of coastal form and central Mon- |
| tumefaciens Conn II. Electron microscopic ob- | Duck virus enteritis (duck plague). Interstate | tana Douglas-fir to Arceuthobium douglasii. |
| servation on the fine structure in dividing and | movement. | |
| non-dividing phases. | 4110 | Latent skin fungus infections in animals and their |
| | ENTEROTOXEMIA | importance for the epidemiology of animal and |
| C -type viral particles in plasma of cats with | Enterotoxaemia of calves evoked by Clostridium | human dermatomycoses. 4119 |
| feline leukemia. | perfringens type B. | |
| | 4114 | Contribution to the study of bovine mastitis due |
| Purification, ultrastructure, and composition of | ENTOMOGENOUS FUNGI | to fungi. 4125 |
| axial filaments from Leptospira. | Mortality of mature beetles lps typographus (L.) | |
| | (Col., Scolytidae) in the galleries and its causes. | Leptospirosis in Argentina. Diffusion, morbidity |
| Light and electron microscope investigations on | 3799 | and nosological map. 4127 |
| the formation of the oocyst wall in Eimeria spe- | ENTOMOLOGY | |
| cies (Eimeria perforans, E. stiedae, and E. tenel- | Bulletin of the Entomological Society of Amer- | Observations on the effect of the re-use of broiler |
| la). | ica. | litter on the incidence of Marek's disease. (Abstract). |
| | 3739 | 4129 |
| On the structure of horse influenza virus. A con- | What the practitioner should know about | 1,000 |
| tribution to the ultrastructure of influenza viruses. | arthropods. | The mycotic abortions in the cow. |
| Viruses. 4235 | 3740 | |
| | The importance of applied entomology for Aus- | Epidemiological analysis of disease reports of the |
| Electron microscopy as an aid to the rapid identification of animal viruses. | trian plant protection. | Southern Conference on Avian Diseases. (Abstract) |
| identification of animal viruses. | 3926 | stract). 4201 |
| | ENVIRONMENT | |
| Investigations concerning the ultrastructure and | The effect of temperature on ascospore release | Epizootics of trichinosis in pigs and its relation |
| etiology of the mast cell tumors in the dog. | by Scleroderris lagerbergii. | with anti-rat procedures using warfarin. 4227 |
| | | |
| ELECTROPHORESIS | Control of Orobanche under natural and artifi- | Investigations on the occurrence of bovine leu- |
| The conjugated plasma proteins in adult females | cally infested conditions. | kosis in the county of Oldenburg, including the |
| of Periplaneta americana (L.) under starvation | | city of Delmenhorst and the metropolitan area of Oldenburg. |
| and other stress. | Hygiene and animal diseases in Deux-Sevres (re- | 4254 |
| | gion of Coulonges-sur-l'Autize). | |
| Two types of carboxyesterase degrading | | Symposium on Brucellosis in Ireland. I. Brucellosis: Pagteriology and enidemiology. II. Brucello |
| malathion in resistant houseflies and their inhibi- | Effect of environmental temperature on iron | sis: Bacteriology and epidemiology. II. Brucello- sis: Serological diagnosis. III. Vaccines and bru- |
| tion by synergists. | deficiency anemia in Athens-Canadian random- bred chicks. | cellosis. |
| | 4257 | 4260 |
| A contribution to the prophylactic use of Gam- | | Toxocariasis in man and animals. |
| matonin in calves. | Research into environmental pollution. 4290 | 4282 |
| | | _ |
| Isolation of the tuberculosis bacillus through | Environmental nitrates and animal health. | EPITHELIUM Epithelial changes in porcine exudative |
| electrophoresis in artificially contaminated milk. | | Epithelial changes in porcine exudative epidermitis; the light-microscopical picture. |
| | ENZYMES | 4208 |
| EMBIA BATESI | Two types of carboxyesterase degrading malathion in resistant houseflies and their inhibi- | |
| New Perilampidae (Hymenoptera: Chalci- | tion by synergists. | Lymphoepithelial tissues of the intestine and dif- ferentiation of antibody production. |
| doidea). | 3859 | 4213 |
| | Biochemical research on hog cholera. Behavior | EPIZOOTIC DISEASES |
| EMBIIDAE | of some enzymatic activities in the serum. | Epizootiology of influenza in turkeys. (Ab- |
| New Perilampidae (Hymenoptera: Chalci- | | |
| | 4132 | |
| doidea). | | stract). |
| 3742 | Investigation of some enzymatic activities (GOT, | 4157 |
| EMBRYOS 3742 | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid | 4157 Epizootics of trichinosis in pigs and its relation |
| EMBRYOS Effect of gamma-irradiation of late embryo on | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Ab- | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 Pseudomonas syringae infection of sweet cherry | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 Pseudomonas syringae infection of sweet cherry fruit in Utah. | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 Pseudomonas syringae infection of sweet cherry fruit in Utah. | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 3934 Problems around the incidence and control of | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 3934 Problems around the incidence and control of Fusarium oxysporum in tulips. | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 3934 Problems around the incidence and control of Fusarium oxysporum in tulips. 3943 | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES On the structure of horse influenza virus. A con- |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. 4338 ENCYRTIDAE | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 3934 Problems around the incidence and control of Fusarium oxysporum in tulips. 3943 Dutch elm disease detected in Alabama. | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES On the structure of horse influenza virus. A contribution to the ultrastructure of influenza |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. 4338 ENCYRTIDAE Microterys clauseni Compere (Hym.: Encyr- | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 3934 Problems around the incidence and control of Fusarium oxysporum in tulips. 3943 Dutch elm disease detected in Alabama. | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES On the structure of horse influenza virus. A contribution to the ultrastructure of influenza viruses. |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. 4338 ENCYRTIDAE Microterys clauseni Compere (Hym.: Encyrtidae). | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 3934 Problems around the incidence and control of Fusarium oxysporum in tulips. 3943 Dutch elm disease detected in Alabama. 3947 Survey, screening, and breeding for bacterial | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES On the structure of horse influenza virus. A contribution to the ultrastructure of influenza viruses. |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. 4338 ENCYRTIDAE Microterys clauseni Compere (Hym.: Encyrtidae). 3796 | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 3934 Problems around the incidence and control of Fusarium oxysporum in tulips. 3943 Dutch elm disease detected in Alabama. 3947 Survey, screening, and breeding for bacterial blight resistance in cotton. | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES On the structure of horse influenza virus. A contribution to the ultrastructure of influenza viruses. 4235 EQUIPMENT |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. 4338 ENCYRTIDAE Microterys clauseni Compere (Hym.: Encyrtidae). 3796 Studies on the life history and biological control | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 9344 Problems around the incidence and control of Fusarium oxysporum in tulips. 3943 Dutch elm disease detected in Alabama. 3947 Survey, screening, and breeding for bacterial blight resistance in cotton. | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES On the structure of horse influenza virus. A contribution to the ultrastructure of influenza viruses. 4235 EQUIPMENT Autumn weed control for continuous cereal |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. 4338 ENCYRTIDAE Microterys clauseni Compere (Hym.: Encyrtidae). 3796 Studies on the life history and biological control of the spittlebug, Clastoptera undulata Uhler | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 3934 Problems around the incidence and control of Fusarium oxysporum in tulips. 3943 Dutch elm disease detected in Alabama. 3947 Survey, screening, and breeding for bacterial blight resistance in cotton. 3952 The occurrence of the downy mildew disease of | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES On the structure of horse influenza virus. A contribution to the ultrastructure of influenza viruses. 4235 EQUIPMENT Autumn weed control for continuous cereal growers. |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. 4338 ENCYRTIDAE Microterys clauseni Compere (Hym.: Encyrtidae). 3796 Studies on the life history and biological control of the spittlebug, Clastoptera undulata Uhler (Cercopidae: Hemiptera). | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 3934 Problems around the incidence and control of Fusarium oxysporum in tulips. 3943 Dutch elm disease detected in Alabama. 3947 Survey, screening, and breeding for bacterial blight resistance in cotton. 3952 The occurrence of the downy mildew disease of tobacco. | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES On the structure of horse influenza virus. A contribution to the ultrastructure of influenza viruses. 4235 EQUIPMENT Autumn weed control for continuous cereal growers. 4069 |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. 4338 ENCYRTIDAE Microterys clauseni Compere (Hym.: Encyrtidae). 3796 Studies on the life history and biological control of the spittlebug, Clastoptera undulata Uhler (Cercopidae: Hemiptera). | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 3934 Problems around the incidence and control of Fusarium oxysporum in tulips. 3943 Dutch elm disease detected in Alabama. 3947 Survey, screening, and breeding for bacterial blight resistance in cotton. 3952 The occurrence of the downy mildew disease of tobacco. | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES On the structure of horse influenza virus. A contribution to the ultrastructure of influenza viruses. 4235 EQUIPMENT Autumn weed control for continuous cereal growers. 4069 Brush control through shredding. |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. 4338 ENCYRTIDAE Microterys clauseni Compere (Hym.: Encyrtidae). 3796 Studies on the life history and biological control of the spittlebug, Clastoptera undulata Uhler (Cercopidae: Hemiptera). 3802 ENDOTHIA PARASITICA | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 3934 Problems around the incidence and control of Fusarium oxysporum in tulips. 3943 Dutch elm disease detected in Alabama. 3947 Survey, screening, and breeding for bacterial blight resistance in cotton. 3952 The occurrence of the downy mildew disease of tobacco. 3984 Virginia pine, a new host for Cronartium coman- | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES On the structure of horse influenza virus. A contribution to the ultrastructure of influenza viruses. 4235 EQUIPMENT Autumn weed control for continuous cereal growers. 4069 Brush control through shredding. 4077 What you should know about concentrate spray- |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. 4338 ENCYRTIDAE Microterys clauseni Compere (Hym.: Encyrtidae). 3796 Studies on the life history and biological control of the spittlebug, Clastoptera undulata Uhler (Cercopidae: Hemiptera). 3802 ENDOTHIA PARASITICA Live oak in Mississippi infected by Endothia | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 9344 Problems around the incidence and control of Fusarium oxysporum in tulips. 3943 Dutch elm disease detected in Alabama. 3947 Survey, screening, and breeding for bacterial blight resistance in cotton. 3952 The occurrence of the downy mildew disease of tobacco. 3984 Virginia pine, a new host for Cronartium comandrae. | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES On the structure of horse influenza virus. A contribution to the ultrastructure of influenza viruses. 4235 EQUIPMENT Autumn weed control for continuous cereal growers. 4069 Brush control through shredding. |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. 4338 ENCYRTIDAE Microterys clauseni Compere (Hym.: Encyrtidae). 3796 Studies on the life history and biological control of the spittlebug, Clastoptera undulata Uhler (Cercopidae: Hemiptera). 3802 ENDOTHIA PARASITICA Live oak in Mississippi infected by Endothia parasitica. | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 9344 Problems around the incidence and control of Fusarium oxysporum in tulips. 3943 Dutch elm disease detected in Alabama. 3947 Survey, screening, and breeding for bacterial blight resistance in cotton. 3952 The occurrence of the downy mildew disease of tobacco. 3984 Virginia pine, a new host for Cronartium comandrae. 3993 | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES On the structure of horse influenza virus. A contribution to the ultrastructure of influenza viruses. 4235 EQUIPMENT Autumn weed control for continuous cereal growers. 4069 Brush control through shredding. 4077 What you should know about concentrate spraying. |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. 4338 ENCYRTIDAE Microterys clauseni Compere (Hym.: Encyrtidae). 3796 Studies on the life history and biological control of the spittlebug, Clastoptera undulata Uhler (Cercopidae: Hemiptera). 3802 ENDOTHIA PARASITICA Live oak in Mississippi infected by Endothia parasitica. | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 3934 Problems around the incidence and control of Fusarium oxysporum in tulips. 3943 Dutch elm disease detected in Alabama. 3947 Survey, screening, and breeding for bacterial blight resistance in cotton. 3952 The occurrence of the downy mildew disease of tobacco. 3984 Virginia pine, a new host for Cronartium comandrae. 3993 Distribution and host range of maize dwarf mosa- | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES On the structure of horse influenza virus. A contribution to the ultrastructure of influenza viruses. 4235 EQUIPMENT Autumn weed control for continuous cereal growers. 4069 Brush control through shredding. 4077 What you should know about concentrate spraying. 4342 EQUISETUM ARVENSE |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. 4338 ENCYRTIDAE Microterys clauseni Compere (Hym.: Encyrtidae). 3796 Studies on the life history and biological control of the spittlebug, Clastoptera undulata Uhler (Cercopidae: Hemiptera). 3802 ENDOTHIA PARASITICA Live oak in Mississippi infected by Endothia parasitica. 3992 ENERGY | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 9344 Problems around the incidence and control of Fusarium oxysporum in tulips. 3943 Dutch elm disease detected in Alabama. 3947 Survey, screening, and breeding for bacterial blight resistance in cotton. 3952 The occurrence of the downy mildew disease of tobacco. 3984 Virginia pine, a new host for Cronartium comandrae. 3993 | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES On the structure of horse influenza virus. A contribution to the ultrastructure of influenza viruses. 4235 EQUIPMENT Autumn weed control for continuous cereal growers. 4069 Brush control through shredding. 4077 What you should know about concentrate spraying. |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. 4338 ENCYRTIDAE Microterys clauseni Compere (Hym.: Encyrtidae). 3796 Studies on the life history and biological control of the spittlebug, Clastoptera undulata Uhler (Cercopidae: Hemiptera). 3802 ENDOTHIA PARASITICA Live oak in Mississippi infected by Endothia parasitica. 3992 ENERGY Effect of energy-protein balance, energy intake | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 9344 Problems around the incidence and control of Fusarium oxysporum in tulips. 3943 Dutch elm disease detected in Alabama. 3947 Survey, screening, and breeding for bacterial blight resistance in cotton. 3952 The occurrence of the downy mildew disease of tobacco. 3984 Virginia pine, a new host for Cronartium comandrae. 3993 Distribution and host range of maize dwarf mosaic virus in Virginia. | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES On the structure of horse influenza virus. A contribution to the ultrastructure of influenza viruses. 4235 EQUIPMENT Autumn weed control for continuous cereal growers. 4069 Brush control through shredding. 4077 What you should know about concentrate spraying. 4342 EQUISETUM ARVENSE Now can you spot those weeds. |
| EMBRYOS Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in the silkworm, Bombyx mori. 3875 EMTRYL Emtryl and antibiotics for turkey breeders. (Abstract). 4112 EMULSIFYING AGENTS Emulsifiers for agricultural pesticides. Patent 3,442,818. 4338 ENCYRTIDAE Microterys clauseni Compere (Hym.: Encyrtidae). 3796 Studies on the life history and biological control of the spittlebug, Clastoptera undulata Uhler (Cercopidae: Hemiptera). 3802 ENDOTHIA PARASITICA Live oak in Mississippi infected by Endothia parasitica. 3992 ENERGY | Investigation of some enzymatic activities (GOT, GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or those infected with newcastle disease virus. 4133 EPIDEMIOLOGY Comparative studies of American and African Trypanosomiasis. 3908 Pseudomonas syringae infection of sweet cherry fruit in Utah. 3934 Problems around the incidence and control of Fusarium oxysporum in tulips. 3943 Dutch elm disease detected in Alabama. 3947 Survey, screening, and breeding for bacterial blight resistance in cotton. 3952 The occurrence of the downy mildew disease of tobacco. 3984 Virginia pine, a new host for Cronartium comandrae. 3993 Distribution and host range of maize dwarf mosaic virus in Virginia. | Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 4227 Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus). 4271 Studies on the epizootology of gastrointestinal helminths in calves. 4281 EQUINE INFLUENZA VIRUSES On the structure of horse influenza virus. A contribution to the ultrastructure of influenza viruses. 4235 EQUIPMENT Autumn weed control for continuous cereal growers. 4069 Brush control through shredding. 4077 What you should know about concentrate spraying. 4342 EQUISETUM ARVENSE Now can you spot those weeds. |

Investigation to determine the respective residue

Changes in insecticide sensitivity in the bean weevil Acanthoscelides obtectus Say, brought about by induced pigment formation.

Are fertilizer programs related to fireblight and fruit disorders at harvest.

Effective methods for the use of herbicides in combination with the mineral fertilizers. In: Col-

ETHYLENE DIBROMIDE

ERIOCOCCUS CAROLINAE ERIOCOCCUS CAROLINAE

ETHERS

sues.

ETHYL ACETATE

Juvenile hormone: Activity of aromatic terpenoid ethers.

Comparative interactions of Erwinia carotovora and Erwinia amylovora with pear and potato tis-

| beach-grass in North Carolina (Homoptera: Coccidea). | and EDB to Cryphalus fulvus Niijima. Studies on the control of forest pests. V. | amounts of DD1 and its analogues in the mil and back fat of selected dairy animals. |
|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 3785 | 3857 | FATTENING |
| ERIOPHYIDAE What the practitioner should know about | ETHYLENEDIAMINETETRAACETIC ACID Influence of various chelating agents on absorp- tion of 60Co, 59Fe, 54Mn, and 65Zn by | Calf fattening trials with oral administration of abdelin acid, aureomycin and chloramphenico under controlled environmental conditions. |
| arthropods. | chickens. | 414 |
| Three new species of Eriophyid mites | 4105 | FATTY ACIDS |
| (Acariformes: Eriophyidae, Rhyncaphytoptidae) from Poland. | Use of chicks to measure availability of iron. (Abstract). | Changes in the composition of lipids and fatt acids in adult Culex tarsalis and Anophele freeborni during the overwintering period. |
| | ETIOLOGY | 387 |
| Review of the parasitic Diptera of the genus Eriothrix meigen (Diptera, Tachinidae) in the | A meningioma in a cat associated with erosion of the skull. | Effect of MGA on body weight, body fat an fatty acid composition of chickens. (Abstract). |
| USSR. | EUMOLPINAE 4154 | FECES 422 |
| ERWINIA AMYLOVORA | Leaf beetle larvae of the subfamily Eumolpinae and of Syneta betulae F. (Coleoptera, Chrysome- | Investigations on Coccidia in zoo ruminants. |
| The training course of the European Plant Protection Organization in England. | lidae). 3840 | Studies on the epizootology of gastrointestina |
| 3914 | EUPERILAMPUS KROMBEINI | helminths in calves. |
| Comparative interactions of Erwinia carotovora and Erwinia amylovora with pear and potato tis- | New Perilampidae (Hymenoptera: Chalcidoidea). | FEED |
| sues. 4008 | 3742 | Notice of filing of petition for food additives. 414 |
| ERWINIA CAROTOVORA | A mite of the genus Tydeus (Acariformes, | Imbalanced lysine feeds for starting or growin |
| Comparative interactions of Erwinia carotovora | Tydeidae) that is a grape pest in Moldavia. | chicks. |
| and Érwinia amylovora with pear and potato tissues. | 3846 | Therapeutic efficacy of ronidazole in water |
| 4008 | EVALUATION The lasting influence of triazines and the effect | against histomoniasis and effect of continuou |
| ERWINIA CHRYSANTHEMI | of herbicide mixtures in the treatment of corn. | feed levels on growth in turkeys. (Abstract). |
| Aglaonema pictum, a new host of Erwinia chrysanthemi. | In: Collection of reports given at the International Herbicide Conference, Prague, June 21- | Food additives permitted in feed and drinkin water of animals or for the treatment of food |
| ERYSIPHE GRAMINIS TRITICI | 24, 1966. 4064 | producing animals. Coumaphos. |
| The effect of low doses of gamma irradiation | EXCRETION | 427 Salmonella organisms in poultry feeds. (Ab |
| upon the rate of infection of plants with powdery mildew. II. A differentiated susceptibility of | Investigations on Coccidia in zoo ruminants. 4195 | stract). |
| winter wheat zelazna variety to infection with | EXTRACTS | FEED ADDITIVES |
| powdery mildew (Erysiphe graminis F. tritici DC March). | Isolation and characterization of ribonucleic acid from Musca domestica (L.). 3798 | Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiral |
| ERYTHROCYTES | EXTREMITIES | mycin) in the tissues of chickens receivin anibiotic feed supplements. |
| The effects of a single massive dose of phenyl- | Changes in soluble proteins during foot-pad development in Sarcophaga bullata. | 430 |
| hydrazine on different hematological traits of chickens. (Abstract). | 3821 | The influence of antibiotics on mineral metabol ism. |
| 4104 | EXUDATIVE EPIDERMITIS | 431 |
| An improvement of the indirect fluorescent an- | Epithelial changes in porcine exudative epidermitis; the light-microscopical picture. | FEED CONTAMINATION . |
| tibody test for the diagnosis of intraerythrocytic parasitic infections. | 4208 | Biology of the fungus Aspergillus flavus Link and its infectivity to plants and animals. |
| 4183 | EYES On ocular regeneration in Lithobius forficatus L. | 397. |
| Effect of environmental temperature on iron deficiency anemia in Athens-Canadian random- | (Myriopoda Chilopoda). | FEED TOXICITY |
| bred chicks. | 3832 | Notes on toxicology: The clover. 412: |
| 4257 | Brief communication on the occurance of thelaciaepathogens of an enzootic eye disease in | FEEDING |
| Oral therapy of diabetes mellitus in dogs with | cattle in the German Democratic Republic. | Larval feeding habits of certain Chloropidae (Diptera). |
| Glycodiazin. | EVEWORMS 4273 | (Dipiera). 388: |
| 4160 | EYEWORMS Brief communication on the occurance of | Kale anaemia in ruminants. I. Survey of the |
| ESCHERICHIA COLI Reduction of shelf-life of fresh fryers due to in- | thelaciaepathogens of an enzootic eye disease in | literature and experimental induction of kale anaemia in lactating cows. |
| fection with Escherichia coli prior to processing. | cattle in the German Democratic Republic. | 415 |
| 4287 | FARM BUILDINGS | DDT residues in beef cows fed apple pomace. |
| ESTERASES | Insects and mites of livestock and in farm | 4302 |
| Effect of dietary lipids upon the lipase, pan- creatic cholesterol esterase, plasma triglyceride | buildings. | FERRETS Pathogenesis of and recovery from respiratory |
| and total plasma lipids level in the chick. (Ab- | FARM MANAGEMENT | syncytial and influenza infections in ferrets. |
| stract). | Spraying post oak brush pays dividends. | 421: |
| ESTROGENS | EASCIOLA HEDATICA | FERTILITY On the effect of combined action of pathogenic |
| Estrogenic activity of o,p'-DDT in the mam- | FASCIOLA HEPATICA The anaemia of acute and chronic ovine | microorganisms and insecticides upon insects. |
| malian uterus and avian oviduct. | fascioliasis. | 3884 |
| | | |

44

The anaemia of acute and chronic ovine fascioliasis.

FATS
Influence of dietary fat, soybean meal treatment and antibiotic supplementation on growth of chicks fed different carbohydrates.

4280

4120

FASCIOLIASIS

3805

| bicide Conference, Prague, June 21-24, 1966. | Buquinolate-A review. | The first maximum dosage regulation for plan |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 4085 Environmental nitrates and animal health. | Influence on egg quantity and quality with sorghum grain diets supplemented with corn oil | protection preparations in the Federal Republic of Germany. |
| 4315 | and/or furazolidone. (Abstract). | 434° |
| FIRE BLIGHT | 4223 | FOOD SPOILAGE Role of the cuticle in egg spoilage. (Abstract). |
| The training course of the European Plant Pro- | Effect of MGA on body weight, body fat and fatty acid composition of chickens. (Abstract). | 425. |
| tection Organization in England. | 4224 | FOOT-AND-MOUTH DISEASE |
| Are fertilizer programs related to fireblight and | The influence of high level of L-phenylalanine on | Progress of the Soviet virology in foot-and |
| fruit disorders at harvest. | chicks hatched from pullets fed same level of L- | mouth disease studies. |
| 3933 | phenylalanine. (Abstract). | 418 |
| Fruit disease problems and new approaches to | Food additives permitted in feed and drinking | The epizootiological importance of foot-and mouth disease carriers. II. The carrier status o |
| their controls. | water of animals or for the treatment of food- | cattle exposed to foot-and-mouth disease follow |
| FISH | producing animals. Coumaphos. | ing vaccination with an oil adjuvant inactivated |
| Interaction of antimycin A and rotenone in fish | 4274 | virus vaccine. |
| bioassays. | Food additives permitted in feed and drinking | FOOT-AND-MOUTH DISEASE VIRUS |
| 4097 | water of animals or for the treatment of food producing animals. Food additives permitted in | Virulence, adsorbability, and antigenicity o |
| Fish as observed hosts of Ascaridstheir sig- | food for human consumption. Buquinolate. | foot-and-mouth disease virus selected by adsorp |
| nificance in regard to man's health. | 4297 | tion with homogenized mouse kidney. |
| FLORA | Tolerances and exemptions from tolerances for | EODACE DI ANTS |
| Fauna of the Heteroptera on town waste | pesticide chemicals in or on raw agricultural commodities. Food additives. Phosalone. | FORAGE PLANTS The forage plants of Rhagades pruni Schiff. |
| neopedon of the Prague periphery. | 4298 | 382 |
| 3767 | FOOD CONSUMPTION | FOREIGN TRADE |
| FLOWERS Paratephritis transitoria Rhod. (Diptera, | Food additives permitted in the feed and drink- | Foreign quarantine notices. Nursery stock |
| Tephritidae), a fly that forms galls on tassel | ing water of animals or for the treatment of food- | plants, and seeds. Importation. |
| flowers in the Maritime Territory. | producing animals. Food additives permitted in food for human consumption. Buquinolate. | |
| 3833 | 4098 | FOREST INSECTS Mortality of mature bestles Ips typographus (L. |
| FLUORESCENCE | Irradiated food: FDA blocks AEC, Army | (Col., Scolytidae) in the galleries and its causes. |
| Determination of the virulence of the Mycobacterium tuberculosis by the fluorescence method. | requests for approval. | 3799 |
| 4248 | 4286 | The toxic action of a mixture of gamma-BHO |
| FLUORESCENT ANTIBODY TECHNIC | FOOD CONTAMINATION A study of carcasses condemned for skin leuko- | and EDB to Cryphalus fulvus Niijima. Studies of the control of forest rests. V. |
| Investigations on the development of Aegyp- | sis. (Abstract). | 385 |
| tianella pullorum Carpano, 1928, in the soft tick | 4284 | Distribution of scale better (Coleoptera |
| Argas (Persicargas) persicus.(Oken, 1818) by means of fluorescent antibodies. | Irradiation treatment on wiener sausage with | Bruchidae) in the forest-c'eppe zone of the East |
| 3822 | gamma-ray. | ern Ukraine. |
| An improvement of the indirect fluorescent an- | 4285 | 3869 |
| tibody test for the diagnosis of intraerythrocytic | Reduction of shelf-life of fresh fryers due to infection with Escherichia coli prior to processing. | The attraction to Pissodes notatus (Col. Curcu lionidae) of the wounds formed by Matsuococ |
| parasitic infections. 4183 | 4287 | cus feytaudi Duc. (Hom. (occoidea) or |
| FOLIAR APPLICATION | Isolation of the tuberculosis bacillus through | maritime pine. |
| Effect of seeded fruits and foliar-applied auxin | electrophoresis in artificially contaminated milk. | 4034 |
| on seedless fruit set of pear the following year. | 4288 | The oleander scale, Pseudaulacaspis pentagons |
| 4332 | Salmonella organisms in poultry feeds. (Abstract). | (Targ.), (Homoptera, Coccidae) in Bermuda. 404: |
| Study on attractant of the rice stem honor Chile | 4289 | FOREST SOILS |
| Study on attractant of the rice stem borer, Chilo suppressalis Walker. | Organic phosphate poisoning of sheep in Skull | Nematodofauna of a mixed hornbeam-oak fores |
| 3835 | Valley, Utah. | soil and of the neighboring cultivated lands a |
| Animal food composition. Patent 3,428,457. | 4304 | Bab near Nitra. |
| 4159 | FOOD HABITS | FORMICIDAE |
| FOOD ADDITIVES | Food sources of some mosquito species in the natural focus of Tahyna virus in southern | Geographic distribution of the ant genus For |
| Notice of filing of petition for food additive ron- | Moravia. | mica (Hymenoptera: Formicidae). |
| nel. 4096 | 3854 | 3750 |
| Food additives permitted in the feed and drink- | A contribution to the bionomy of Culex | FORMULATIONS Nucleating for feed formulation. Drugg for votori |
| ing water of animals or for the treatment of food- | modestus Fic. (Diptera, Culicidae) in southern Moravia. | Nystatin for feed formulation. Drugs for veteri nary use, drug efficacy study implementation. |
| producing animals. Food additives permitted in | 3855 | 4179 |
| food for human consumption. Buquinolate. | FOOD PLANTS | FOXES |
| Payzone nitrovin-A new growth promoter for | Studies on the adult diapause of the broad bean | The natural occurrence of surra in the African |
| poultry. (Abstract). | weevil, Bruchus rufimanus. | longhaired fox. |
| 4101 | 3830 | FRACTIONATION |
| Influence of dietary fat, soybean meal treatment | Study on attractant of the rice stem borer, Chilo suppressalis Walker. | Isolation and characterization of ribonucleic acid |
| and antibiotic supplementation on growth of | 3835 | from Musca domestica (L.). |
| chicks fed different carbohydrates. 4120 | The effect of diet on the physiology of the | 3798 |
| Notice of filing of petition for food additive | brown-tail moth, Euproctis chrysorrhoea L. | FREIGHT TRANSPORTATION |
| diethylstilbestrol. | (Lepidoptera, Liparidae). | Regulating the shipment of living pests pathogens and vectors. |
| 4142 | FOOD PRESERVATION | 4345 |
| Notice of filing of petition for food additives. | Irradiated food: FDA blocks AEC, Army | FRUIT |
| Notice of films of matrices for food addition | requests for approval. | Natural enemies of Laspeyresia pomonella L |
| Notice of filing of petition for food additive nitrodan. | 4286 | (Lepidoptera, Tortricidae) and the effect o chemical treatment on their useful activity. |
| 4144 | FOOD PROCESSING The levels of Type II infection (Marek's disease) | 3819 |
| Effect of methionine on a growth depression in- | in 8-week-old chickens processed at dressing | The training course of the European Plant Pro- |
| duced by supplementing a corn-soybean meal | plants. (Abstract). | tection Organization in England. |

Reduction of shelf-life of fresh fryers due to in-fection with Escherichia coli prior to processing. 4287

4231

Are fertilizer programs related to fireblight and fruit disorders at harvest .

3933

Effect of methionine on a growth depression induced by supplementing a corn-soybean meal diet with lysine.

Cobalt and vitamin C for chicks. (Abstract).

Morphological variation in the sugarcane smut,

Reaction of tomato varieties against Alternaria

FRUIT CULTURE

Fruit disease problems and new approaches to

| | their controls. | Ostnago scitaminea Syd. | 2020 | solani and Cladosporium fulvum. | |
|---|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------|--------------------|
| | Disease and insect control in home orchards. | From the realm of microorganisms. Som | | A new leaf spot of para rubber (Hevea brasil | 1935 lien |
| | New chemicals look good for weed control in Michigan orchards. | teresting structures of plant microorganisms Harmlessness of herbicides for the biocenos | 4026 | sis) in Nigeria. Stem and root diseases of beans. | 3936 |
| | 3994 | Collection of reports geven at the Internal Herbicide Conference, Prague, June 2 | tional | 3 | 3941 |
| | Brown rot control in Southern California. | 1966. | 4090 | Problems around the incidence and contro Fusarium oxysporum in tulips. | |
| | Weed control in fruits and nuts. 4070 | Latent skin fungus infections in animals and | their | Phoma exigua Desm. and its varieties. | 1943 |
| | The effectiveness of the newer herbicides for the control of weeds in cultivated plants with special | importance for the epidemiology of anima human dermatomycoses. | 4119 | Resistance of dwarf-internode castor (Rici | 1945 inus |
| | attention to weeds which are difficult to control. In: Collection of reports given at the Interna- | A new antibiotic produced by a strain of A | | communis) to Verticillium wilt. | 946 |
| | tional Herbicide Conference, Prague, June 21-24, 1966. | gillus flavipes. | 4334 | Dutch elm disease detected in Alabama. | 947 |
| F | RUIT CULTURE | FUNGI DISSEMINATION The effect of temperature on ascospore re | elease | Plant pathology field day. | 949 |
| | Plant protection. Bulletin of the plant disease control station of Geneva. February. | by Scleroderris lagerbergii. | 3928 | Discovery and distribution of Fusicocc | |
| | 3930 Plant protection. Bulletin of the plant disease | Spore dispersal by Scleroderris lagerbergii unursery and plantation conditions. | | 3 | 950 |
| | control station of Geneva. August. 3931 | FUNGICIDES | 4007 | | 953 |
| | Plant protection. Bulletin of the plant disease control station of Geneva. September. | A flower blight of chrysanthemum in S Florida. | South | A flower blight of chrysanthemum in So Florida. | |
| | 3932 Plant protection. Bulletin of the Plant Disease | Some observations on the late occurrence | 3955 ice of | Diseases and parasites of the rose. | 955 |
| | Station of Geneva. March. | Peronospora on grapes in the period 1964-1 | | Low temperature sprays for Dutch elm dise | 956 ease |
| | Plant protection. Bulletin of the Plant Disease Station of Geneva, June. | Fungicides for Arabica coffee 17relation among some new fungicides, leaf rust (Her | | control. | 957 |
| | 4011 | vastatrix), leaf fall and yield. | 3967 | Crown rust of oats in Canada in 1968. | 958 |
| | Plant protection. Bulletin of the Plant Disease Station of Geneva. October. 4012 | Efficacy of fungicides, hot water and gammaradiation for control of postharvest fruit ro | ma-ir- | Air-borne rust inoculum over western Canada 1968. | |
| | Plant protection. Bulletin of the Plant Disease | papaya. | 3971 | 39 | 962 |
| | Station of Geneva. April. 4013 | Biology of the fungus Aspergillus flavus Linl | | Chemical control of stripe smut in Merion K tucky bluegrass. | |
| | Gibberellin-induced asymmetric growth of apple fruits. | | 3973 | The identity of Phyllactinia on winged elm | 964 1 in |
| | 4318 Effect of seeded fruits and foliar-applied auxin | Melanose of citrus. | 3988 | Georgia. | 965 |
| | on seedless fruit set of pear the following year. 4332 | Field evaluation of some fungicides for cont- leaf and stem rusts of wheat. | | Some observations on the late occurrence Peronospora on grapes in the period 1964-196 | |
| F | RUIT NURSERIES Index tests of certified and uncertified nursery | The effect of different fungicides on the | 4006 yeast | Fungicides for Arabica coffee 17relationsh | 966 hips |
| | fruit trees in Washington in 1968. | flora during the treatment of grape vines. | 4329 | among some new fungicides, leaf rust (Hemil vastatrix), leaf fall and yield. | leia |
| F | RUIT ROT Efficacy of fungicides, hot water and gamma-ir- | FUNGUS CULTURES Phoma exigua Desm. and its varieties. | | Additional varieties of Agrostis palustris infec | 967 sted |
| | radiation for control of postharvest fruit rots of papaya. | | 3945 | by Ustilago striiformis var. agrostidis. | 968 |
| F | 3971 CUMIGATION | Studies of Leptosphaeria avenaria f. sp. tri on wheat in North Dakota. | 3970 | Losses from fusarium stem rot caused by Fusaum roseum, in production of cuttings of car | ari- |
| • | Tests on dry fumigation of potato seedlings against Rhizoctonia disease. | FUNGUS DISEASES (ANIMALS) | | tion, Dianthus caryophyllus. | 969 |
| | 4023 Nematodes are destructive to your plants. | Latent skin fungus infections in animals and importance for the epidemiology of anima | | Studies of Leptosphaeria avenaria f. sp. trition wheat in North Dakota. | |
| | 4053 | | 4119 | 39 | 970 |
| | Fumigation and reuse of broiler litter. (Abstract). | Contribution to the study of bovine mastitis to fungi. | | Efficacy of fungicides, hot water and gamma radiation for control of postharvest fruit rots | |
| F | UNGI | Disseminated geotrichosis in a dog. | 4125 | | 971 |
| | Infection experiments with a fungus (Coelomomyces) which kills malarial mosquitoes. (abstract) | The mycotic abortions in the cow. | 4182 | | 972 |
| | stract). | | 4194 | Biology of the fungus Aspergillus flavus Link a its infectivity to plants and animals. | |
| | Parasites of ladybirds (Coleoptera, Coccinellidae) in Leningrad Province. | Supplement to the Plant Protection bulletin. | 3923 | Fusarium wilt (race 2) of tomato: Calcium, p | 973 pH, |
| | Larval feeding habits of certain Chloropidae | Plant protection. Bulletin of the plant dis | | and micronutrient effects on disease development. | op- |
| | (Diptera). 3885 | | 3930 | Fruit disease problems and new approaches | 974 to |
| | Electron microscope examination of ultra-thin sections of Streptomyces viridochromogenes for | Plant protection. Bulletin of the plant discontrol station of Geneva. August. | 3931 | their controls. | 975 |
| | hyphal anastomoses. | Plant protection. Bulletin of the plant dis | | Virulence of various groups of loose smut of b ley, (Ustilago nuda (Jens.) Rostr.) physiologic | ical |
| | Plant protection in the heart of Europe. Austrias contribution to the international fight against | | 3932 | races in the light of anatomical investigations spring barley varieties different with regard to | s of re- |
| | plant pests and diseases and, through this, to the improvement of the food situation. | Pseudomonas syringae infection of sweet ch fruit in Utah. | herry | sistance. I. Spreading of pathogene in host platissue. | ant |
| | | | | | |

3911

| Elements for a study on the needle-cast fungus of scotch pine Lophodermium pinastri (Schrad.) | From the realm of microorganisms. Some interesting structures of plant microorganisms. | tional Herbicide Conference, Prague, June 21-24, 1966. |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Chev. Phenological study: fall of needles and development of hysterothecia. | 4026 | GALL-MAKING INSECTS 4081 |
| 3979 | Hybrid corn yield reduction by stalk and root rot in Nebraska. | Paratephritis transitoria Rhod. (Diptera, |
| The occurrence of the downy mildew disease of | 4027 | Tephritidae), a fly that forms galls on tassel |
| tobacco. | The rate of contamination in relation to the per- centage of infection in the parasitic diseases of | flowers in the Maritime Territory. 3833 |
| Lophodermium durilabrum found on foxtail pine | plants. | The alternate generation of Callirhytis quercus- |
| in California. | Why is the disinfection treatment of corn seeds | suttonii (Bassett) (Hymenoptera: Cynipoidea). 4038 |
| Melanose of citrus. | absolutely necessary. | GALLERIA MELLONELLA |
| 3988 A race of Ustilago tritici virulent on Thatcher | 4030 | Phagocytic haemocytes in unfixed Galleria mel- |
| wheat and its derivatives. | Experiences with residue research in lettuce. 4291 | lonella larvae. |
| 3989 | An unexpected effect of benomyl on two gladio- | GAMMA GLOBULINS |
| Live oak in Mississippi infected by Endothia parasitica. | lus varieties. | A contribution to the prophylactic use of Gammatonin in calves. |
| 3992 | Stability of taxonomic characters in cultures of | 4209 |
| Virginia pine, a new host for Cronartium comandrae. | Diplodia and related genera as influenced by | GAMMA RAYS |
| 3993 | various carbon sources. (Abstract). | Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in |
| Effect of Sclerospora graminicola infection on | FURAZOLIDONE | the silkworm, Bombyx mori. |
| total nitrogen content and free amino acid composition of Bajra plants. | Effect of nitrofurazone and furazolidone on | 3875 |
| 3995 | reproduction in chickens. | Efficacy of fungicides, hot water and gamma-ir- radiation for control of postharvest fruit rots of |
| Fungal and bacterial diseases of crucifers and cu- curbits in western Ontario in 1967. | Influence on egg quantity and quality with | papaya. |
| 3996 | sorghum grain diets supplemented with corn oil | 3971 |
| Development of a new variety of tomato named | and/or furazolidone. (Abstract). 4223 | The effect of low doses of gamma irradiation upon the rate of infection of plants with powdery |
| Miguel pereira, with resistance to both Fusarium and Verticillium wilts. | A contribution to the salmonellosis of cattle and | mildew. II. A differentiated susceptibility of |
| 3997 | its therapy. | winter wheat zelazna variety to infection with powdery mildew (Erysiphe graminis F. tritici DC |
| Leaf rust of wheat in Canada in 1968. | FURYL)-BENZIMIDAZOLE, 2-(2- | March). |
| Resistance to benomyl in powdery mildew of cu- | Chemical control of stripe smut in Merion Ken- | 4009 |
| curbits. | tucky bluegrass. | Irradiation treatment on wiener sausage with gamma-ray. |
| 4003 | FUSARIUM | 4285 |
| Field evaluation of some fungicides for control of leaf and stem rusts of wheat. | Fusarium wilt (race 2) of tomato: Calcium, pH, | GARDENS |
| 4006 | and micronutrient effects on disease develop- ment. | Insect control for garden vegetables 3916 |
| Spore dispersal by Scleroderris lagerbergii under nursery and plantation conditions. | 3974 | GAS POISONING |
| 4007 | Development of a new variety of tomato named Miguel pereira, with resistance to both Fusarium | Contribution to the study of hydrogen sulfide |
| The effect of low doses of gamma irradiation | and Verticillium wilts. | poisoning of domestic animals. 4311 |
| upon the rate of infection of plants with powdery mildew. II. A differentiated susceptibility of | 3997 | GASTRITIS |
| winter wheat zelazna variety to infection with powdery mildew (Erysiphe graminis F. tritici DC | Hybrid corn yield reduction by stalk and root rot in Nebraska. | Chronic follicular hypertrophic-hyperplastic gas- |
| March). | 4027 | tritis in a dog. |
| 4009 | An unexpected effect of benomyl on two gladio- lus varieties. | GASTROINTESTINAL DISEASES |
| Plant protection. Bulletin of the Plant Disease Station of Geneva. March. | 4321 | Chronic follicular hypertrophic-hyperplastic gas- |
| 4010 | FUSARIUM MONILIFORME | tritis in a dog. |
| Plant protection. Bulletin of the Plant Disease Station of Geneva. June. | Fungus diseases of cotton seedlings in Egypt. | GASTROINTESTINAL SYSTEM |
| 4011 | FUSARIUM OXYSPORUM | The effect of various biogenic amines on the activity of the foregut of the cockroach, Blaberus |
| Plant protection. Bulletin of the Plant Disease | Problems around the incidence and control of | giganteus. |
| Station of Geneva. October. 4012 | Fusarium oxysporum in tulips. 3943 | 3811 |
| Plant protection. Bulletin of the Plant Disease | Fungus diseases of cotton seedlings in Egypt. | Salt and water transport by the in vitro cockroach midgut. |
| Station of Geneva. April. | 3972 | 3870 |
| Brown rot control in Southern California. | FUSARIUM ROSEUM Losses from fusarium stem rot caused by Fusari- | Food additives permitted in feed and drinking |
| 4015 | um roseum, in production of cuttings of carna- | water of animals or for the treatment of food- producing animals. Coumaphos. |
| Wild species as a source of resistance to diseases. | tion, Dianthus caryophyllus. | 4274 |
| Occurrence of Cronartium comptoniae in the | FUSARIUM SOLANI PHASEOLI | Further studies on the anthelmintic activity of 1- tetramisole against gastro-intestinal helminths in |
| Maritime Provinces. 4018 | Stem and root diseases of beans. 3941 | sheep. |
| Possibilities for Botrytis cinerea control, espe- | FUSICOCCUM ELAEAGNI | 4279 |
| cially in tomatoes. | Discovery and distribution of Fusicoccum | Studies on the epizootology of gastrointestinal helminths in calves. |
| Occurrence of Ephelis on rice variety IR-8 and | canker of Russian olive in Illinois. 3950 | 4281 |
| cotton grass in India. | GADUSAN | GEOMETRIDAE Considertis perlaria Gever a postuid not a |
| 4020 Tests on dry fumication of notate goddings | Tests on laboratory animals and on tubercular | Conodontis peplaria Geyer, a noctuid, not a geometrid (Lepidoptera). |
| Tests on dry fumigation of potato seedlings against Rhizoctonia disease. | cows in order to determine the value of the mor- ruato cupric colloidal (gadusan) in the in- | 3762 |
| 4023 | tradermal reaction. | GEOTRICHUM CANDIDUM Disseminated geotrichosis in a dog. |
| Illustrative scales for the evaluation of potato | CALILIM ADADINE | Disseminated geotriciosis in a dog. |

Susceptibility of coastal form and central Montana Douglas-fir to Arceuthobium douglasii.

4025

The effectiveness of the newer herbicides for the

control of weeds in cultivated plants with special attention to weeds which are difficult to control. In: Collection of reports given at the Interna-

GERM-FREE LIFE

Pathogenesis of infectious synovitis gnotobiotic chickens. (Abstract).

GIBBERELLINS

| GIBBERELLINS Gibberellin-induced asymmetric growth of apple fruits. 4318 | GRAPE VINEYARDS Notes on the International Meeting on Virus and Virus Diseases of Grapes, held at Bernkastel (West Germany) in September 1967. | HAEMOPHILUS Observations on septicemia of cattle caused by a Haemophilus-like organism. 4211 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Hormonal regulation in higher plants. 4319 Reduction of preharvest drop and water spot of | Chemical control of weeds in the Hungarian vineyards. In: collection of reports given at the | HALO BLIGHT Plant pathology field day. 3949 |
| navel oranges in Southern California. 4331 Chemical regulators in horticulture. | International Herbicide Conference, Prague, June 21-24, 1966. | HALOACETANILIDE, ALPHA Phytotoxic alpha-halo-acetanilides. Patent 3,442,945. |
| GLADIOLUS 4333 | GRAPES A mite of the genus Tydeus (Acariformes, | 4340 HAMSTERS |
| An unexpected effect of benomyl on two gladio- lus varieties. 4321 | Tydeidae) that is a grape pest in Moldavia. 3846 Virus diseases and the selection of grapes. | Appetite suppression in hamsters and swine fed a dithiocarbamoylhydrazine (ICI 33828). |
| GLOMERELLA LINDEMUTHIANUM Supplement to the Plant Protection bulletin. 3923 | 3937 The present state of grape culture virus research. 3948 | HARVESTING Are fertilizer programs related to fireblight and fruit disorders at harvest. |
| GLYCEMIA Glycemia in dogs. 4184 | Some observations on the late occurrence of Peronospora on grapes in the period 1964-1966. | 3933 HAY |
| GLYCERIDES Effect of dietary lipids upon the lipase, pan- | Breeding and propagation of virus-free grapes in hydroponic cultures. | Tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultural commodities. Dicamba. |
| creatic cholesterol esterase, plasma triglyceride and total plasma lipids level in the chick. (Abstract). | Tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultural commodities. Food additives. Phosalone. | HEART DISEASES Digitalin metabolism in cardiac insufficiency of the dog. |
| GLYCEROL | 4298 | 4307 |
| Factors affecting the oxidation of glycerol-I- phosphate by insect flight-muscle mitochondria. 3815 GLYCOPROTEINS | Tolerances and exemptions tolerances for pesticide chemicals in or on raw agricultural commodities. Trifluralin. 4299 | Field observations on effectiveness of maleic hydrazide applied to onions by helicopter. 4327 |
| The conjugated plasma proteins in adult females of Periplaneta americana (L.) under starvation and other stress. | The effect of different fungicides on the yeast flora during the treatment of grape vines. 4329 | HELIOTHIS ZEA Corn earworm threatens snapbeans. 4031 |
| 3788 | GRASSES | HELMINTHS |
| Insects and mites of livestock and in farm buildings. | A new genus and two new species of Cecidomyiidae associated with Pariana spp. (Gramineae) in South America (Diptera). 3749 | Further studies on the anthelmintic activity of 1- tetramisole against gastro-intestinal helminths in sheep. |
| Experimental studies on the ammonia poisoning of the goat. I. On the capacity to detoxicate ammonia entering through the portal blood. | A new species of Antonina Signoret from South Dakota with new records for A. boutelouae Parrott (Homoptera: Coccoidea: Pseudococcidae). | 4279 Studies on the epizootology of gastrointestinal helminths in calves. |
| 4305 | 3757 Distribution and host range of maize dwarf mosa- | HEMAGGLUTINATION 4281 |
| GONADS Changes in gonads and primary sexual characters in triploid intersexes of Drosophila melanogaster | ic virus in Virginia. 3998 | Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). 4108 |
| (Diptera) exposed to the effect of different temperatures. | Chemical control of annual bluegrass as related to vertical mowing. 4091 | HEMAGGLUTINATION-INHIBITION TEST Hemagglutination inhibiting antibodies to ar- |
| GONODONTA OBESA Taxonomic and nomenclatural notes on Gonodonta obesa (Walker)(Lepidoptera: Noc- | Tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultural commodities. Dicamba. | boviruses in the population of Hajdu-Bihar District, Hungary. 4167 |
| tuidae). | 4295 | HEMATOLOGIC DISEASES Kale anaemia in ruminants. I. Survey of the |
| GOSSYPOL Evaluation of cottonseed soapstocks in broiler | GRAZING Ragwort. 4073 | literature and experimental induction of kale anaemia in lactating cows. |
| diets. (Abstract). | GREENHOUSE CULTURE Infection experiments with a fungus (Coelomo- | HEMATOLOGY |
| GRAIN Crop rotation hygiene in grain cultures. 3912 | myces) which kills malarial mosquitoes. (abstract). | The effects of a single massive dose of phenyl- hydrazine on different hematological traits of chickens. (Abstract). |
| Avoid yellow dwarf virus by late sowing. 3981 | The tobacco mosaic virus (TMV) in the nutritive solution of the tomato hydroponous culture. | Hematology of an inherited anemia in the |
| Autumn weed control for continuous cereal growers. 4069 | GREGARINIDA Parasites of ladybirds (Coleoptera, Coccinel- | domestic fowl. 4256 The anaemia of acute and chronic ovine |
| Perennial bindweeds. | lidae) in Leningrad Province. | fascioliasis. 4280 |
| The effectiveness of the newer herbicides for the control of weeds in cultivated plants with special attention to weeds which are difficult to control. | GROWTH FACTORS Notice of filing of petition for food additives. 4143 GRYLLOTALPA HEXADACTYLA | HEMILEIA VASTATRIX Fungicides for Arabica coffee 17relationships among some new fungicides, leaf rust (Hemileia vastatrix), leaf fall and yield. |
| In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966. | The non-random chromosome segregation in spermatocytes of Gryllotalpa hexadactyla. A micromanipulation analysis. | 3967 HEMOGLOBIN Molecular order of participation of inhibitors (or |
| The influence of herbicides on the morphology | 3896 | activators) in biological systems. |
| of cereal cultures. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966. | GUINEA PIGS Determination of the virulence of the Mycobacterium tuberculosis by the fluorescence method. | HEPTACHLOR Damages done to beet seeds by the forest mouse |
| GRAMOXONE 4320 | HABITATS 4248 | (Apodemus sylvaticus). |
| Further test of the control of Avena fatua in sugar beets. | The insect fauna in the burrows of the long- clawed mole-vole, a Caucasian endemic species. 3845 | Effects of heptachlor and nicotine on the barbels of a catfish (Heteropneustes fossilis). 4310 |
| 4079 | 3843 | 4310 |

| HERBICIDE APPLICATION |
|-----------------------|
|-----------------------|

The use of the pre-emergence herbicide Avadex and Avadex BW in the band spraying method.

HERBICIDE RESIDUES

The lasting influence of triazines and the effect of herbicide mixtures in the treatment of corn. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-

Tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultural commodities. Dicamba.

2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances.

Tolerances and exemptions tolerances for pesticide chemicals in or on raw agricultural commodities. Trifluralin.

HERRICIDES

New chemicals look good for weed control in Michigan orchards.

Further research on the control of Echinochloa

in rice fields.

Chemical weed control in irrigation channels and

Defoliation effects on forest ecology.

4062

The development of chemical weed control in ornamental plants in fields.

The lasting influence of triazines and the effect of herbicide mixtures in the treatment of corn. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966.

4064 Controlling weeds in tobacco with benefin.

4065

Autumn weed control for continuous cereal growers. 4069

Weed control in fruits and nuts.

Weed control in vegetables.

4070

4071

Corn marigold (goldings, yellow oxeye, yellow bottle).

Chemical weed control in potato (Solanum tuberosum L.). A review.

New herbicides for controlling weeds in upland

4076

Defoliation effects on forest ecology.

The effectiveness of the newer herbicides for the control of weeds in cultivated plants with special attention to weeds which are difficult to control. In: Collection of reports given at the Interna-tional Herbicide Conference, Prague, June 21-

4080

Distribution, importance and problems of herbicide use in Yugoslavia. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966.

Effective methods for the use of herbicides in combination with the mineral fertilizers. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966.

Herbicides in the perspectives of 20 months and 20 years. 4089

Harmlessness of herbicides for the biocenosis. In: Collection of reports geven at the International Herbicide Conference, Prague, June 21-24,

Tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultural commodities. Dicamba.

The influence of herbicides on the morphology of cereal cultures. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966.

4320

Halobenzyl carbamates. Patent 3,442,892. 4336

Process for the production of substituted triazines. Patent 3,428,636. 4337

HEREDITARY DISEASES

Hematology of an inherited anemia in the domestic fowl. 4256

HEREDITY

Hereditary nature of the two forms of Argyro-gramma albostriata (Bremer and Grey) (Noctuidae, Plusiinae).

HESPERIIDAE

Papilionoidea and Hesperioidea (Lepidoptera) of the virgin forest of Bialowieski.

HETERAKIS GALLINAE

Therapeutic efficacy of ronidazole in water against histomoniasis and effect of continuous against histomoniasis and effect of feed levels on growth in turkeys. (Abstract).

4245

HETERAKIS GALLINARUM

Efficacy of several drugs for control of poultry nematodes. (Abstract).

4272

4056

4047

HETERODERA GLYCINES

Survival of the soybean cyst nematode in seed 4049

Nine varieties of southern peas resistant to the soybean cyst nematode. 4050

HETERODERA ROSTOCHIENSIS

Golden nematode found in Delaware.

HETEROPTERA

Fauna of the Heteroptera on town neopedon of the Prague periphery. 3767

HEVEA BRASILIENSIS

A new leaf spot of para rubber (Hevea brasiliensis) in Nigeria.

HIBERNATION

Changes in the composition of lipids and fatty acids in adult Culex tarsalis and Anopheles freeborni during the overwintering period. 3871

Overwintering of Meloidogyne incognita in southwestern Ontario.

HISTOLOGY

Innervation of the gut of the migratory locust, Locusta migratoria L. (Orthoptera, Acrididae).

HISTOMONAS MELEAGRIDIS

Therapeutic efficacy of ronidazole in water against histomoniasis and effect of continuous feed levels on growth in turkeys. (Abstract).

HISTOPATHOLOGY

Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus elaphus).

HISTORY

The importance of applied entomology for Austrian plant protection.

HOG CHOLERA

Biochemical research on hog cholera. Behavior of some enzymatic activities in the serum.

4132

Notes on the parasites of the root aphids (Hymenoptera, Aphidiidae).

cide chemicals in or on raw agricultural com-

3876

HOPS Tolerances and exemptions tolerances for pesti-

HORMONES

modities. Trifluralin.

The effect of essential amino acid deficiency on the sex-specific accumulation of a blood protein the sex-specific accumulation of a chining female house-flies (Musca domestica L.).

Juvenile hormone: Activity of aromatic terpenoid ethers.

The anabolic steroids and their use in veterinary therapeutics.

The influence of feed and water restriction and pitressin administration upon thyroxine secretion in domestic fowl.

Ovarian cysts in cattle and its therapy with Gestafortin and prolan preparations.

4186

4309

4312

Insects and mites of livestock and in farm buildings.

Sulfadimethoxine injectable. Drugs for veterinary use; drug efficacy study implementation.

On the structure of horse influenza virus. A contribution to the ultrastructure of influenza

Proceedings of the American College of Veterinary Toxicologists, 1967.

Locoweed toxicity in horses.

HOST INDEXING (PLANTS)

Letters on leaf miners.

3752 Community studies on Hymenoptera found on Brassica napus L. Part III. Braconidae and

Aphidiidae.

Distribution and host range of maize dwarf mosaic virus in Virginia. 3998

A new virus disease of Carica papaya in India 4005

The San Jose scale a pest of ornamental shrubs. 4033

HOST RELATIONSHIPS

To the fauna of ixodid ticks of Mongolia.

3744

Investigations on the development of Aegyptianella pullorum Carpano, 1928, in the soft tick Argas (Persicargas) persicus.(Oken, 1818) by means of fluorescent antibodies.

Minimum time for development and life span of metacercariae.

The finding of Gongylonema pulchrum Molin, 1857 (Nematoda) in man.

4278

HOUSEHOLD PESTS

Controlling household pests.

3790

HUMAN DISEASES

Comparative studies of American and African Trypanosomiasis.

Latent skin fungus infections in animals and their importance for the epidemiology of animal and human dermatomycoses.

HUMANS

| Hemagglutination inhibiting antibodies to ar- boyiruses in the population of Hajdu-Bihar Dis- | Notes on the parasites of the root aphids (Hymenoptera, Aphidiidae). | means of the immuno- and acridine orange fluorescence. |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| trict, Hungary. | 3876 | 4266 |
| Serological typing of mycobacteria for tracing possible sources of avian mycobacterial infec- | HYPERA New species of Hypera (Coleoptera, Curculionidae) from the Crimean Mountains. | IMPERATA CYLINDRICA Occurrence of Ephelis on rice variety IR-8 and cotton grass in India. |
| tions in man. | 3787 | 4020 |
| The importance of brucellosis infection in regard to human health. | HYPERGLYCEMIA The hyperglycaemic activity of the corpus allatum in an insect. | IMPORT CONTROL The plant protection import controls in Bavaria. 3918 |
| Fish as observed hosts of Ascaridstheir significance in regard to man's health. | ICHNEUMONIDAE The neotropic species of Xanthopimpla | INCLUSION BODIES Light and electron microscope investigations on the formation of the oocyst wall in Eimeria spe- |
| An attempt to eliminate the principal parasitic nematodes of dogs by using a new phosphoric | (Hymenoptera: Ichneumonidae). 3782 ILLUSTRATIONS | cies (Eimeria perforans, E. stiedae, and E. tenella). 4229 |
| ester. 4277 | Papilionoidea and Hesperioidea (Lepidoptera) of the virgin forest of Bialowieski. | INDEXING Index tests of certified and uncertified nursery |
| The finding of Gongylonema pulchrum Molin, 1857 (Nematoda) in man. | Diseases and parasites of the rose. | fruit trees in Washington in 1968. |
| 4278 Toxocariasis in man and animals. | 3956 | INDIA |
| 4282 | Illustrative scales for the evaluation of potato scab and Rhizoctonia infection. | Reaction of tomato varieties against Alternaria solani and Cladosporium fulvum. |
| HUMANS The animal adenoviruses. | 4024 | 3935 |
| Some recent aspects of veterinary toxicology: | Now can you spot those weeds. 4059 | INFECTIOUS BURSAL AGENT The infectious bursal agent and pathology of the |
| Attempted comparison with human toxiocology. | Weeds mean waste Know your weeds and how to control them. | disease. (Abstract). 4131 |
| HUMIDITY | 4066 IMMUNITY | INFECTIOUS SYNOVITIS Pathogenesis of infectious synovitis in |
| Effect of storage on cottonseed and cottonseed products. | Lysozyme in the humoral defense mechanism of specifically and non-specifically immunized in- | gnotobiotic chickens. (Abstract). 4165 |
| Plant injury by air pollutants: Influence of hu- | sect larvae. | INFLAMMATION |
| midity on stomatal apertures and plant response to ozone. | 3856 Biochemistry of plant immunity and dormancy as | A case of bilateral polycystic kidneys in a cat. 4137 |
| HYDRANGEA 4326 | the foundation for the crop protection against diseases and germination. | INFLUENZA Epizootiology of influenza in turkeys. (Ab- |
| Investigations on hydrangea ring spot virus and | 3985 | stract). |
| proof of its presence in Italy. 3942 | Effects of early and late inoculation of maize dwarf mosaic virus strain A and B on shelled | Pathogenesis of and recovery from respiratory |
| HYDROCHLORIC ACID Further studies on the anthelmintic activity of 1- | grain yields of susceptible and resistant maize segregates of a three-way hybrid. | syncytial and influenza infections in ferrets. 4215 |
| tetramisole against gastro-intestinal helminths in sheep. | 4001 Resistance to benomyl in powdery mildew of cu- | INHIBITORS Molecular order of participation of inhibitors (or |
| 4279 | curbits. | activators) in biological systems. |
| HYDROGEN SULFIDE Contribution to the study of hydrogen sulfide poisoning of domestic animals. | Wild species as a source of resistance to diseases. | INJECTIONS A contribution to the prophylactic use of Gam- |
| 4311 | Inherited resistance to sulfaquinoxaline toxicity | matonin in calves. |
| HYDROGEN-ION CONCENTRATION Fusarium wilt (race 2) of tomato: Calcium, pH, | in the chicken. (Abstract). | 4209 Effect of spectinomycin on experimentally in- |
| and micronutrient effects on disease develop- ment. | Evaluation of various bird-resistant and non-re- sistant varieties of grain sorghum for use in | duced Arizona group infection in turkeys. (Abstract). |
| HYDROPONICS 3974 | broiler diets. | 4265 |
| The tobacco mosaic virus (TMV) in the nutritive solution of the tomato hydroponous culture. | Factors related to immunity of chickens to coc- | INORGANIC COMPOUNDS Environmental nitrates and animal health. |
| 4014 | cidiosis. (Abstract). | 4315 INSECT ADAPTATION |
| HYDROXYNAPHTHALIMIDE DIETHYL PHOSPHATE, N Efficacy of several drugs for control of poultry | Studies on acute Marek's disease. 9. Resistance to MD by inoculation with the GA isolate. | Studies on the adult diapause of the broad bean weevil, Bruchus rufimanus. |
| nematodes. (Abstract). | 4147 Role of the cuticle in egg spoilage. (Abstract). | INSECT ANATOMY |
| HYGIENE | 4253 | Three species of Mexican Krombeinia having an elongated tegula with an extended apical angle |
| Hygiene and animal diseases in Deux-Sevres (region of Coulonges-sur-l'Autize). | IMMUNIZATION Comparative studies of American and African Trypanosomiasis. | (Hymenoptera: Tiphiidae). |
| HYMENOPTERA | 3908 | Structure and function of the giant fibre system |
| The genus Susana Rohwer and Middleton (Hymenoptera: Tenthredinidae). | Progress of the Soviet virology in foot-and-mouth disease studies. | in the cockroach, Periplaneta americana. |
| 3773 Sphecoidea from the Ryukyus and Formosa | The epizootiological importance of foot-and- | Record of the moth ear mite, Dicrocheles phalaenodectes, in Ohio (Acarina: Mesostig- |
| (Hymenoptera). | mouth disease carriers. II. The carrier status of cattle exposed to foot-and-mouth disease follow- | mata). 3865 |
| Parasites of ladybirds (Coleoptera, Coccinel- | ing vaccination with an oil adjuvant inactivated virus vaccine. | INSECT BEHAVIOR |
| lidae) in Leningrad Province. | 4191 | Insects and physiology; essays presented to Sir Vincent Wigglesworth, CBE, MD, FRS on his |
| The insect fauna in the burrows of the long- clawed mole-vole, a Caucasian endemic species. 3845 | Heterologous immunity in avian hosts infected with Plasmodium relictum and Plasmodium lophurae. | retirement from the Quick Chair of Biology and directorship of the Unit of Insect Physiology in the University of Cambridge. |
| Community studies on Hymenoptera found on | 4232 IMMUNOFLUORESCENCE | 3800 Photoperiodism in the honey bee, Apis mellifera |
| Brassica napus L. Part III. Braconidae and Aphidiidae. | Studies on several strains of pseudorabies (Au- | L. (Hymenoptera, Apidae). |

Studies on several strains of pseudorabies (Au-jeszky) virus showing different virulence by

3853

| Natural enemies of Laspeyresia pomonella L. (Lepidoptera, Tortricidae) and the effect of chemical treatment on their useful activity. | |
|---------------------------------------------------------------------------------------------------------------------------------------------|---|
| 3819 The forage plants of Rhagades pruni Schiff. | |
| 3828 Some biological notes on Bombus ignitus Smith with special reference to the nest structure | |
| (Hym. Apidae). 3834 Review of the parasitic Diptera of the genus | |
| Eriothrix meigen (Diptera, Tachinidae) in the USSR. 3838 | |
| Parasites of ladybirds (Coleoptera, Coccinellidae) in Leningrad Province. 3844 | |
| A mite of the genus Tydeus (Acariformes, Tydeidae) that is a grape pest in Moldavia. | |
| The behavior of adults of abundant species of caddisflies (Trichoptera) in the tributaries of Lake Sevan. | · |
| Food sources of some mosquito species in the natural focus of Tahyna virus in southern Moravia. | |
| 3854 | |
| Biting midges of the genus Culicoides Mg. (Diptera, Ceratopogonidae) from the Valley of the Middle Reaches of the Desna. | |
| 3874 Larval feeding habits of certain Chloropidae |] |
| (Diptera). 3885 | |
| Mating and oviposition behavior of the coffee leaf miner, Leucoptera coffeella (Lepidoptera: Lyonetiidae). | |
| 3888 Honeybees: Do they use direction and distance | |
| information provided by their dancers. | |
| NSECT BIOCHEMISTRY | |
| New data on accumulation of \$35 and Ru106 by dragonfly nymphs (Odonata). | |
| 3820 | |
| Changes in the composition of lipids and fatty acids in adult Culex tarsalis and Anopheles freeborni during the overwintering period. 3871 | |
| Origin of oxalic acid in Ca oxalate crystals in the malpighian tubes of the tent caterpillar, | |
| Malacosoma neustria testacea. 3881 | |
| Incorporation of palmitate-I-C14 into lipids of the blowfly during flight. 3892 | |
| NSECT BIOLOGY | |
| A survey of leaf-miners and their parasites on Laburnum. | |
| Studies on the life history and biological control | |
| of the spittlebug, Clastoptera undulata Uhler (Cercopidae: Hemiptera). | |
| 3802 Description of the larva of Parena (Parena) per- | |
| forata (Bates), with some notes on its life history (Carabidae). | |
| Paratephritis transitoria Rhod. (Diptera, Tephritidae), a fly that forms galls on tassel flowers in the Maritime Territory. | |
| 3833 Leaf beetle larvae of the subfamily Eumolpinae and of Syneta betulae F. (Coleoptera, Chrysome- lidae). | |
| 3840 New data on the biology of caddisflies (Trichoptera, Limnephilidae, Apataniinae) of Lake Bai- | |
| cal. I. Life span and mass flight of adults. 3851 | |
| The behavior of adults of abundant species of caddisflies (Trichoptera) in the tributaries of | |

Lake Sevan.

| E d | Lysozyme in the humoral defense mechanism of specifically and non-specifically immunized insect larvae. | |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------|---|
| E B e | 3856 Lipids of Drosophila: A newly detected lipid in the male. | |
| A | 3895 The peach twig borer and its control. | |
| р | Bloodwormspests of rice. | |
| T M | Raspberry moth. | |
| INS | NSECT CONTROL Disease and insect control in home orchards. | 1 |
| N H | 3983 SECT DIETS The effect of essential amino acid deficiency on | ľ |
| S D C | the sex-specific accumulation of a blood protein in female house-flies (Musca domestica L.). | |
| re | SECT DISEASES Investigations on the development of Aegyp- | ľ |
| INS S S | tianella pullorum Carpano, 1928, in the soft tick Argas (Persicargas) persicus.(Oken, 1818) by means of fluorescent antibodies. | |
| Ir V re | Lysozyme in the humoral defense mechanism of specifically and non-specifically immunized insect larvae. | |
| d tl | SSECT ECOLOGY | 1 |
| F | Papilionoidea and Hesperioidea (Lepidoptera) of the virgin forest of Bialowieski. 3758 | |
| N | The colonization of Lake Constance with Chironomidae. | |
| c | 3765 Ecological and systematic investigations of the | |
| Ir th | Chironomidae (Diptera) of Lake Constance. A contribution to the lake chironomide fauna of the northern foothills of the Alps. 3766 | |
| INS C T | Fauna and ecology of mosquitoes in the southern part of the Moscow district. 3770 | |
| T | The entomology of the Isle of Rhum National Nature Reserve. | |
| ti gi | Studies on the insect fauna on Scotch broom | |
| C st | Sarothamnus scoparius (L.) Wimmer. 3784 | |
| Ç | Larvae of injurious beetles (Coleoptera) in the soils of the Archeda Forest farm, Volgogard Province. | |
| fc M | A contribution to the bionomics and morphology of Rhadinoceraea reitteri Knw. with a descrip- | |
| Н | tion of the larva. (Hym., Tenthredinidae). | |
| th | Photoperiodism in the honey bee, Apis mellifera L. (Hymenoptera, Apidae). 3809 | |
| T: sp m | Occurrence of the species Trichocladius trifascia Edwards (Chironomidae, Diptera) in the Danube. 3816 | |
| Ti of | European species of the genus Myospila Rond. (Dipt., Muscidae). | |
| of H gr | Faunal and ecological study on the families Nycteribiidae and Streblidae (Dipt., Pupipara) of the Nangahar Province (Eastern Afghanistan). | |
| tu | 3829 Paratephritis transitoria Rhod. (Diptera, | |
| Sa D | Tephritidae), a fly that forms galls on tassel flowers in the Maritime Territory. | |
| C- re | 3833 The insect fauna in the burrows of the long-clawed mole-vole, a Caucasian endemic species. | |
| | clawed mole-vole, a Caucasian endemic species. | |

| Effects of apholate on the bionomics of domestica nebulo Fabr. | Musca |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| domestica necato r det. | 3866 |
| Distribution of seed beetles (Coled | |
| Bruchidae) in the forest-steppe zone of the | e East- |
| ern Ukraine. | 2010 |
| | 3869 |
| A contribution to the study of the pemphi | gose of |
| poplars and its pathogen Pamphigus spirot | |
| | 4035 |
| Ticks of the National Reactor Testing Stati | |
| | 4267 |
| Mallophaga of domestic chickens from Cu | |
| | 4268 |
| INSECT EVOLUTION | |
| Meiosis in the male of Puto albicans (Coco | coidea- |
| Homoptera). | 2004 |
| | 3894 |
| Salivary gland chromosome variation | in the |
| Drosophila affinis subgroup. II. Compari C-chromosome patterns in D. athabasca a | son or |
| related species. | iiu iive |
| Total de opociosi | 3899 |
| INSECT FLIGHT | |
| Studies on the insect fauna on Scotch | broom |
| Sarothamnus scoparius (L.) Wimmer. | |
| | 3784 |
| Insects and physiology; essays presented | to Sir |
| Insects and physiology; essays presented Vincent Wigglesworth, CBE, MD, FRS | on his |
| retirement from the Quick Chair of Biolog | gy and |
| directorship of the Unit of Insect Physiol | ogy in |
| the University of Cambridge. | 2000 |
| | 3800 |
| Factors affecting the oxidation of glyce | erol-l- |
| phosphate by insect flight-muscle mitochor | |
| | 3815 |
| New data on the biology of caddisflies (Tr | ichop- |
| tera, Limnephilidae, Apataniinae) of Lak cal. I. Life span and mass flight of adults. | e Bai- |
| cal. I. Life span and mass riight of adults. | 3851 |
| | 2021 |
| Incorporation of palmitate 1 C14 into lir | side of |
| Incorporation of palmitate-1-C14 into lip | oids of |
| Incorporation of palmitate-1-C14 into lip the blowfly during flight. | oids of 3892 |
| the blowfly during flight. | |
| the blowfly during flight. INSECT GENETICS | 3892 |
| the blowfly during flight. | 3892 ion of |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. | 3892 ion of 3746 |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t | 3892 ion of 3746 he ac- |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blatenian and the cockroach, Blatenian a | 3892 ion of 3746 he ac- |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t | 3892 ion of 3746 he ac- aberus |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. | 3892 ion of 3746 he ac- aberus 3811 |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development | 3892 ion of 3746 he ac- aberus 3811 |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. | 3892 ion of 3746 he ac- aberus 3811 . (ab- |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). | 3892 ion of 3746 he ac- aberus 3811 . (ab- 3872 |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty | 3892 ion of 3746 he ac- aberus 3811 . (ab- 3872 |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). | 3892 ion of 3746 he ac- aberus 3811 . (ab- 3872 |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. | 3892 ion of 3746 he ac- aberus 3811 . (ab- 3872 pes of 3893 |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty | 3892 ion of 3746 he ac- aberus 3811 . (ab- 3872 pes of 3893 |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc | 3892 ion of 3746 he ac- aberus 3811 . (ab- 3872 pes of 3893 |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). | 3892 ion of 3746 he ac- aberus 3811 (ab- 3872 pes of 3893 oidea- 3894 |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc | 3892 ion of 3746 he ac- aberus 3811 (ab- 3872 pes of 3893 oidea- 3894 |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected li | 3892 ion of 3746 he ac- aberus 3811 (ab- 3872 pes of 3893 oidea- 3894 |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. | 3892 ion of 3746 he acaberus 3811 . (ab-3872 pes of 3893 oidea-3894 pid in 3895 on in |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. The non-random chromosome segregati spermatocytes of Gryllotalpa hexadacty | 3892 ion of 3746 he acaberus 3811 . (ab-3872 pes of 3893 oidea-3894 pid in 3895 on in |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. | 3892 ion of 3746 he ac- aberus 3811 . (ab- 3872 pes of 3893 oidea- 3894 pid in 3895 on in la. A |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. The non-random chromosome segregati spermatocytes of Gryllotalpa hexadacty micromanipulation analysis. | 3892 ion of 3746 he ac- aberus 3811 . (ab- 3872 pes of 3893 oidea- 3894 pid in 3895 on in da. A |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. The non-random chromosome segregati spermatocytes of Gryllotalpa hexadacty micromanipulation analysis. | 3892 ion of 3746 he ac- aberus 3811 . (ab- 3872 pes of 3893 oidea- 3894 pid in 3895 on in la. A 3896 uency |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. The non-random chromosome segregati spermatocytes of Gryllotalpa hexadacty micromanipulation analysis. The influence of the genotype on the freq of radiation-induced aneuploidy in the oog | 3892 ion of 3746 he ac- aberus 3811 . (ab- 3872 pes of 3893 oidea- 3894 pid in 3895 on in la. A 3896 uency |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. The non-random chromosome segregati spermatocytes of Gryllotalpa hexadacty micromanipulation analysis. | ion of 3746 he ac- aberus 3811 . (ab- 3872 pes of 3893 oidea- 3894 pid in 3895 oon in la. A 3896 uency enesis |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. The non-random chromosome segregati spermatocytes of Gryllotalpa hexadacty micromanipulation analysis. The influence of the genotype on the freq of radiation-induced aneuploidy in the oog of Drosophila melanogaster. | 3892 ion of 3746 he ac- aberus 3811 . (ab- 3872 pes of 3893 oidea- 3894 pid in 3895 on in da. A 3896 uency enesis 3897 |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. The non-random chromosome segregati spermatocytes of Gryllotalpa hexadacty micromanipulation analysis. The influence of the genotype on the freq of radiation-induced aneuploidy in the oog of Drosophila melanogaster. Hereditary nature of the two forms of A | ion of 3746 he acaberus 3811 (ab-3872 pes of 3893 oidea-3894 pid in 3895 on in la. A 3896 uency enesis 3897 rgyro- |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. The non-random chromosome segregati spermatocytes of Gryllotalpa hexadacty micromanipulation analysis. The influence of the genotype on the freq of radiation-induced aneuploidy in the oog of Drosophila melanogaster. | ion of 3746 he acaberus 3811 (ab-3872 pes of 3893 oidea-3894 pid in 3895 on in la. A 3896 uency enesis 3897 rgyro- |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. The non-random chromosome segregati spermatocytes of Gryllotalpa hexadacty micromanipulation analysis. The influence of the genotype on the freq of radiation-induced aneuploidy in the oog of Drosophila melanogaster. Hereditary nature of the two forms of A gramma albostriata (Bremer and Grey) | ion of 3746 he acaberus 3811 (ab-3872 pes of 3893 oidea-3894 pid in 3895 on in la. A 3896 uency enesis 3897 rgyro- |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. The non-random chromosome segregati spermatocytes of Gryllotalpa hexadacty micromanipulation analysis. The influence of the genotype on the freq of radiation-induced aneuploidy in the oog of Drosophila melanogaster. Hereditary nature of the two forms of A gramma albostriata (Bremer and Grey) tuidae, Plusiinae). | ion of 3746 he acaberus 3811 (ab-3872 pes of 3893 oidea-3894 pid in 3895 on in la. A 3896 uency enesis 3897 rgyro-(Noc-3898 n. the |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. The non-random chromosome segregati spermatocytes of Gryllotalpa hexadacty micromanipulation analysis. The influence of the genotype on the freq of radiation-induced aneuploidy in the oog of Drosophila melanogaster. Hereditary nature of the two forms of A gramma albostriata (Bremer and Grey) tuidae, Plusiinae). Salivary gland chromosome variation i Drosophila affinis subgroup. II. Comparis | ion of 3746 he ac- aberus 3811 (ab- 3872 pes of 3893 oidea- 3894 pid in 3895 on in la. A 3896 uency enesis 3897 rgyro- (Noc- 3898 n the ion of |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. The non-random chromosome segregati spermatocytes of Gryllotalpa hexadacty micromanipulation analysis. The influence of the genotype on the freq of radiation-induced aneuploidy in the oog of Drosophila melanogaster. Hereditary nature of the two forms of A gramma albostriata (Bremer and Grey) tuidae, Plusiinae). Salivary gland chromosome variation i Drosophila affinis subgroup. II. Comparis C-chromosome patterns in D. athabasca and chromosome variation in Drosophila affinis subgroup. II. Comparis C-chromosome patterns in D. athabasca | ion of 3746 he ac- aberus 3811 (ab- 3872 pes of 3893 oidea- 3894 pid in 3895 on in la. A 3896 uency enesis 3897 rgyro- (Noc- 3898 n the ion of |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. The non-random chromosome segregati spermatocytes of Gryllotalpa hexadacty micromanipulation analysis. The influence of the genotype on the freq of radiation-induced aneuploidy in the oog of Drosophila melanogaster. Hereditary nature of the two forms of A gramma albostriata (Bremer and Grey) tuidae, Plusiinae). Salivary gland chromosome variation i Drosophila affinis subgroup. II. Comparis | ion of 3746 he acaberus 3811 (ab-3872 pes of 3893 oidea-3894 pid in 3895 on in la. A 3896 uency enesis 3897 rgyro-(Noc-3898 n the ion of id five |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. The non-random chromosome segregati spermatocytes of Gryllotalpa hexadacty micromanipulation analysis. The influence of the genotype on the freq of radiation-induced aneuploidy in the oog of Drosophila melanogaster. Hereditary nature of the two forms of A gramma albostriata (Bremer and Grey) tuidae, Plusiinae). Salivary gland chromosome variation i Drosophila affinis subgroup. II. Comparis C-chromosome patterns in D. athabasca an related species. | ion of 3746 he ac- aberus 3811 (ab- 3872 pes of 3893 oidea- 3894 pid in 3895 on in la. A 3896 uency enesis 3897 rgyro- (Noc- 3898 n the ion of |
| the blowfly during flight. INSECT GENETICS Climate and the phylogeny and distribut Tabanidae. The effect of various biogenic amines on t tivity of the foregut of the cockroach, Blagiganteus. Control systems in insect development stract). Chromosomes of Syrphidae. IV. Karyoty fourteen species in the tribe Chrysotoxini. Meiosis in the male of Puto albicans (Cocc Homoptera). Lipids of Drosophila: A newly detected lithe male. The non-random chromosome segregati spermatocytes of Gryllotalpa hexadacty micromanipulation analysis. The influence of the genotype on the freq of radiation-induced aneuploidy in the oog of Drosophila melanogaster. Hereditary nature of the two forms of A gramma albostriata (Bremer and Grey) tuidae, Plusiinae). Salivary gland chromosome variation i Drosophila affinis subgroup. II. Comparis C-chromosome patterns in D. athabasca and chromosome variation in Drosophila affinis subgroup. II. Comparis C-chromosome patterns in D. athabasca | ion of 3746 he acaberus 3811 (ab-3872 pes of 3893 oidea-3894 pid in 3895 on in la. A 3896 uency enesis 3897 rgyro-(Noc-3898 n the ion of id five |

3855

A contribution to the bionomy of Culex modestus Fic. (Diptera, Culicidae) in southern Moravia.

51

INSECT GEOGRAPHY

| Mutation rates and mortalities after X-irradia- tion of the early development stages of Droso- | INSECT METABOLISM Insect metabolism of photoaldrin and photodiel- | An autosomal recessive gene in Pyrrhocoris. 3903 |
|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| phila melanogaster. 3902 | drin. 3837 | INSECT NAMES Morpho-systematic studies on Collembola Part |
| An autosomal recessive gene in Pyrrhocoris. | INSECT MORPHOLOGY Geographic distribution of the ant genus For- | Oi. Materials to a revision of the genus Lepido- cyrtus Bourlet, 1839 (Entomobryidae s. l.). |
| Notes on the chromosomes of two species of cockroaches. | mica (Hymenoptera: Formicidae). | 3778 INSECT NUTRITION |
| 3904 | The larva of Carabus (Hygrocarabus Thoms.) | The conjugated plasma proteins in adult females |
| Genetics of organophosphate resistance in the two-spotted spider mite (Tetranychus urticae | variolosus variolosus Fabr. and its position in the larval system of genus Carabus L. (Coleoptera, | of Periplaneta americana (L.) under starvation and other stress. |
| Koch). | carabidae). | 3788 The forage plants of Rhagades pruni Schiff. |
| Relative viability of heterozygotes and | Acalypta pulchra sp. n A new species of Tin- gidae from Bulgaria. (Heteroptera, Tingidae). | 3828 |
| homozygotes with respect to the irradiated chromosome in Drosophila melanogaster. | 3776 | Size independent secretion by the corpus allatum of Calliphora erythrocephala. |
| 3906 Heterogeneity in the Trinidad DDT-RE- | A survey of leaf-miners and their parasites on Laburnum. | 3843 The effect of diet on the physiology of the |
| SISTANT strain and the QS susceptible strain of Aedes aegypti L. The isolation of highly resistant | lnsects and physiology; essays presented to Sir | brown-tail moth, Euproctis chrysorrhoea L. (Lepidoptera, Liparidae). |
| and highly susceptible substrains. | Vincent Wigglesworth, CBE, MD, FRS on his retirement from the Quick Chair of Biology and | 3861 |
| INSECT GEOGRAPHY | directorship of the Unit of Insect Physiology in | Larval feeding habits of certain Chloropidae (Diptera). |
| To the fauna of ixodid ticks of Mongolia. 3744 | the University of Cambridge. | 3885 The effect of the amount of blood taken and ad- |
| INSECT HISTOLOGY Vitamin A deficiency: Effect on retinal structure | A contribution to the bionomics and morphology of Rhadinoceraea reitteri Knw. with a descrip- | ditional carbohydrate nutrition on oogenesis in females of blood-sucking mosquitoes of the |
| of the moth, Manduca sexta. | tion of the larva. (Hym., Tenthredinidae). | genus Aedes (Diptera, Culicidae) of various weights and ages. |
| Comparative studies of the development of | Studies on the life history and biological control | 3886 |
| Plasmodium cynomolgi bastianellii in Anopheles stephensi and A. albimanus. | of the spittlebug, Clastoptera undulata Uhler (Cercopidae: Hemiptera). | INSECT OUTBREAK FORECASTING Is it possible to predict apple moth infestations. |
| 3860 Control systems in insect development. (ab- | 3802 Structure and development of the imaginal wing | 3868 The present state of research and of the control |
| stract). | discs of larva in a holometabolous insect, Bom- byx mori (Lepidoptera, Bombycidae). | of rice pests. |
| INSECT IDENTIFICATION | 3806 | The importance of applied entomology for Aus- |
| Notes on the Chrysomelidae from Taiwan I. | On the determination of age structure of the larvae of Tendipedidae (Diptera). | trian plant protection. 3926 |
| Solierella nitraria sp. n. (Hym., Sphecidae). | 3813 Changes in soluble proteins during foot-pad | INSECT PESTS What the practitioner should know about |
| A contribution to the genus Mantis Linne and | development in Sarcophaga bullata. | arthropods. |
| Paramantis, nov. (Mantidae). | Studies on the adult diapause of the broad bean | Studies on the insect fauna on Scotch broom |
| A new species of Penthetria from Japan (Diptera, Bibionidae). | weevil, Bruchus rufimanus. 3830 | Sarothamnus scoparius (L.) Wimmer. 3784 |
| 3769 | A description of the developmental stages of Ctenophora guttata Wied, and a review of the | Larvae of injurious beetles (Coleoptera) in the soils of the Archeda Forest farm, Volgogard |
| On the identity of 'Dasythorax ogasawarae Matsumura' (Lepidoptera, Noctuidae, Cuculliinae). | Czechoslovak species of the genus Ctenophora (Dipt., Tipulidae). | Province. 3795 |
| The neotropic species of Xanthopimpla | 3847 | Natural enemies of Laspeyresia pomonella L. |
| (Hymenoptera: lchneumonidae). | The influence of photoperiod and temperature on the induction of diapause in mulberry pyralid, | (Lepidoptera, Tortricidae) and the effect of chemical treatment on their useful activity. |
| Sphecoidea from the Ryukyus and Formosa | Glyphodes pyloalis Walker. 3858 | A mite of the genus Tydeus (Acariformes, |
| (Hymenoptera). 3783 | Study of the morphogenesis of the maxillary stylet of Rhodnius prolixus by transplantations of | Tydeidae) that is a grape pest in Moldavia. |
| A new species of Eriococcus infesting American beach-grass in North Carolina (Homoptera: Coc- | incomplete stylogenetic organs. | Controlling insects and other pests with |
| coidea). | Control systems in insect development. (ab- | phosphonothioates. Patent 3,428,655. |
| Studies of neotropical caddis flies. VIII: The im- | stract). 3872 | Community studies on Hymenoptera found on Brassica napus L. Part III. Braconidae and |
| mature stages of Barypenthus claudens (Trichoptera: Odontoceridae). | Bembecia pectinata Stgr. and its first stages. (Lepidoptera, Sesiidae). | Aphidiidae. 3853 |
| 3818 European species of the genus Myospila Rond. | 3873 | On the effect of combined action of pathogenic |
| (Dipt., Muscidae). | Phylogenetic relationships within the Rhopalocera on the basis of the functional | microorganisms and insecticides upon insects. 3884 |
| Description of the larva of Parena (Parena) per- | morphology of the genital apparatus. 3878 | Problem insects in 1967 - how to control them in 1968. |
| forata (Bates), with some notes on its life history (Carabidae). | Effect of rearing condition on growth and development of the silkworm, Bombyx mori L., | 3891 Plant protection in the heart of Europe. Austrias |
| 3825 A description of the developmental stages of | on artificial diet. 11. | contribution to the international fight against |
| Ctenophora guttata Wied. and a review of the Czechoslovak species of the genus Ctenophora | An electron microscope study of thoracic | plant pests and diseases and, through this, to the improvement of the food situation. |
| (Dipt., Tipulidae). | mitochondriac membranes in developing adults of the blowfly Lucilia cuprina. | 3911 Crop rotation hygiene in grain cultures. |
| Record of the moth ear mite, Dicrocheles | 3887 Hereditary nature of the two forms of Argyro- | 3912 Insect control for garden vegetables. |
| phalaenodectes, in Ohio (Acarina: Mesostigmata). | gramma albostriata (Bremer and Grey) (Noctuidae, Plusiinae). | 3916 |
| Notes on the parasites of the root aphids | 3898 INSECT MUTATION | The plant protection import controls in Bavaria. 3918 |
| (Hymenoptera, Aphidiidae). | Mutation rates and mortalities after X-irradia- | Microbes and chemicals against plant pests. 3919 |
| Some important aspects of cotton insect control. | tion of the early development stages of Droso- phila melanogaster. 3902 | Stretch your pest control dollars. |
| 4044 | 3902 | 3744 |

3753

| | Supplement to the Plant Protection bulletin. The present state of research and of the co | 3923 | On ocular regeneration in Lithobius forficatus L. (Myriopoda Chilopoda). | INSECT POPULATIONS The colonization of Lake Constance with Chironomidae. |
|---|-----------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| | of rice pests. | | Effects of long-term cardiatectomy-allatectomy | 3765 |
| | On the value of our birds. | 3924 | on mitochondrial respiration in the cockroach, Blaberus discoidalis. 3836 | Ecological and systematic investigations of the Chironomidae (Diptera) of Lake Constance. A contribution to the lake chironomide fauna of |
| | Plant protection. Bulletin of the plant dis | 3927 sease | Insect metabolism of photoaldrin and photodiel- | the northern foothills of the Alps. |
| | control station of Geneva. February. | 3930 | drin. 3837 | 3766 Remarks on fluctuations in density of Carabidae |
| | Plant protection. Bulletin of the plant discontrol station of Geneva. August. | | Studies on sex pheromones of Pyralididae. Changes in the quality of the sex pheromone in | populations. 3824 |
| | • | 3931 | the female almond moth, Cadra cautella Walker (Phycitinae). | Community studies on Hymenoptera found on Brassica napus L. Part III. Braconidae and |
| | Plant protectic Bulletin of the plant discontrol station of Geneva. September. | | 3841 | Aphidiidae. 3853 |
| | | 3932 | Changes in gonads and primary sexual characters in triploid intersexes of Drosophila melanogaster | Specificity of population-aggregating |
| | Diseases and parasites of the rose. | 3956 | (Diptera) exposed to the effect of different temperatures. | pheromones in Dendroctonus. 3863 |
| | Disease and insect control in home orchards | 3983 | 3842 | On the effect of combined action of pathogenic |
| | The peach twig borer and its control. | | Size independent secretion by the corpus allatum of Calliphora erythrocephala. | microorganisms and insecticides upon insects. 3884 |
| | Bloodwormspests of rice. | 4032 | 3843 | INSECT PROTECTIVE DEVICES |
| | | 4037 | The use of attractants in pest control. 2. Sex attractants. | Lysozyme in the humoral defense mechanism of specifically and non-specifically immunized in- |
| | The oleander scale, Pseudaulacaspis penta (Targ.), (Homoptera, Coccidae) in Bermuda | | 3848 | sect larvae. |
| | | 4043 | Fundamental properties of intensity, form, and motion perception in the visual nervous systems | Honeybees: Do they use direction and distance |
| | Regulating the shipment of living pathogens and vectors. | pests, | of Calliphora, phaenicia and Musca domestica. | information provided by their dancers. 3889 |
| | NSECT PHYSIOLOGY | 4345 | New data on the biology of caddisflies (Trichop- | INSECT REARING |
| L | The conjugated plasma proteins in adult fer | nales | tera, Limnephilidae, Apataniinae) of Lake Bai- cal. I. Life span and mass flight of adults. | Studies on sex pheromones of pyralididae. II. Mass rearing of virgin females of the almond |
| | of Periplaneta americana (L.) under starvand other stress. | ation | 3851 | moth, Cadra cautella Walker (Phycitinae). |
| | | 3788 | Comparative studies of the development of Plasmodium cynomolgi bastianellii in Anopheles | Effect of rearing condition on growth and |
| | Pinocytosis during vitellogenesis in the rworm, Tenebrio molitor L. (Coleop | | stephensi and A. albimanus. 3860 | development of the silkworm, Bombyx mori L., on artificial diet. II. |
| | Tenebrionidae). | 3789 | The effect of diet on the physiology of the | January returns of the true forms of America |
| | The excitation of insect skeletal muscles. | 3791 | brown-tail moth, Euproctis chrysorrhoea L. (Lepidoptera, Liparidae). | Hereditary nature of the two forms of Argyrogramma albostriata (Bremer and Grey) (Noctuidae, Plusiinae). |
| | Reminiscence in the cold flour beetle (Tenemolitor). | ebrio | Specificity of population-aggregating | 3898 INSECT RESPIRATION |
| | | 3794 | pheromones in Dendroctonus. 3863 | Effects of long-term cardiatectomy-allatectomy |
| | Insects and physiology; essays presented to Vincent Wigglesworth, CBE, MD, FRS of Child Child Pills | n his | Innervation of the gut of the migratory locust, Locusta migratoria L. (Orthoptera, Acrididae). | on mitochondrial respiration in the cockroach, Blaberus discoidalis. 3836 |
| | retirement from the Quick Chair of Biology directorship of the Unit of Insect Physiolo | | Salt and water transport by the in vitro | INSECT TAXONOMY |
| | the University of Cambridge. | 3800 | cockroach midgut. | Studies on the Crambinae (Lepidoptera). Part 44. New Neotropical genera and species. |
| | Juvenile hormone: Activity of aromatic to noid ethers. | erpe- | Changes in the composition of lipids and fatty | Preliminary check-list of Neotropical Crambinae. |
| | | 3805 | acids in adult Culex tarsalis and Anopheles | 3741 |
| | The effect of various biogenic amines on th tivity of the foregut of the cockroach, Blal | ie ac- berus | freeborni during the overwintering period. | New Perilampidae (Hymenoptera: Chalcidoidea). |
| | giganteus. | 3811 | Effect of gamma-irradiation of late embryo on the growth of silkglands and on silk production in | 3742 Contribution to the fauna of the Congo (Braz- |
| | On the determination of age structure of the | | the silkworm, Bombyx mori. | zaville). Mission of A. Villiers and A. Descarpen- |
| | vae of Tendipedidae (Diptera). | 3813 | The hyperglycaemic activity of the corpus al- | tries. XLV. Coleoptera Ochodaeidae. |
| | Temperature and circadian control of cu | uticle | latum in an insect. | Climate and the phylogeny and distribution of Tabanidae. |
| | growth on the bug, Oncopeltus fasciatus. | 3814 | Phylogenetic relationships within the | 3746 |
| | Factors affecting the oxidation of glycer phosphate by insect flight-muscle mitochond | dria. | Rhopalocera on the basis of the functional morphology of the genital apparatus. 3878 | Catalog of the Coleoptera of Angola. |
| | Structure and function of the giant fibre sy | 3815 /stem | Effect of rearing condition on growth and | Three new records of the genus Phanaeus from Georgia (Coleoptera: Scarabaeidae). |
| | in the cockroach, Periplaneta americana. | 3817 | development of the silkworm, Bombyx mori L., on artificial diet. II. | A new genus and two new species of Cecido- |
| | New data on accumulation of S35 and Ru10 | | 3882 | myiidae associated with Pariana spp. |
| | dragonfly nymphs (Odonata). | 3820 | An electron microscope study of thoracic mitochondriac membranes in developing adults | (Gramineae) in South America (Diptera). |
| | Changes in soluble proteins during foot | | of the blowfly Lucilia cuprina. 3887 | A new click beetle of the genus Agriotes Esch. |
| | development in Sarcophaga bullata. | 3821 | Honeybees: Do they use direction and distance | (Coleoptera, Elateridae) from Soviet central Asia. |
| | Early morphogenesis of tumours induced Nosema acridophagus in Melanoplus | | information provided by their dancers. 3889 | 3751 Letters on leaf miners. |
| | guinipes. | | Phagocytic haemocytes in unfixed Galleria mellonella larvae. | 3752 |
| | Physiological and ultrastructural study of | 3827 f the | ionella larvae. | The larva of Carabus (Hygrocarabus Thoms.) variolosus variolosus Fabr. and its position in the |
| | corpora allata of Locusta migratoria L. (Orttera) in the gregarious phase. | | Incorporation of palmitate-1-C14 into lipids of the blowfly during flight. | larval system of genus Carabus L. (Coleoptera, carabidae). |
| | tota, in the gregarious phase. | | the blowtry during riight. | carabidac). |

3831

INSECT TRAPS

| A new species on neotropical seed weevil affect- ing pigeon peas, with notes on two closely related species(Coleoptera: Bruchidae: Bruchinae). | Materials to the knowledge of the scale insects fauna of Yugoslavia (Homoptera, Coccoidea). 3786 | producing animals. Food additives permitted in food for human consumption. Buquinolate. 429 |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| A new species of Antonina Signoret from South Dakota with new records for A. boutelouae Par- | New species of Hypera (Coleoptera, Curculionidae) from the Crimean Mountains. 3787 | Tolerances and exemptions from tolerances fo pesticide chemicals in or on raw agricultura commodities. Food additives. Phosalone. |
| rott (Homoptera: Coccoidea: Pseudococcidae). 3757 | Notes on the parasites of the root aphids (Hymenoptera, Aphidiidae). | 4298 DDT residues in beef cows fed apple pomace. |
| Papilionoidea and Hesperioidea (Lepidoptera) of the virgin forest of Bialowieski. | 3876 INSECT TRAPS | INSECTICIDE RESISTANT INSECTS |
| 3758 On the status of Cresson's Stenophasmus species from Cuba (Hymenoptera: Braconidae: Doryc- | Use of freshwater sponge in case construction of Limnephilus species (Trichoptera: Limnephilidae). | Protection of bees through the use of insecticides, harmless or only slightly dangerous to bees. |
| tinae). | Mexican fruit containment. | 380: |
| The palearctic species of Megatoma Herbst (Coleoptera, Dermestidae). | Ticks of the National Reactor Testing Station. | Two types of carboxyesterase degrading malathion in resistant houseflies and their inhibition by synergists. |
| 3760 | 4267 | 3859 |
| Taxonomy and distribution of the palearctic Nemapogon species (Lepidoptera, Tineidae). 3761 | INSECT VECTORS Food sources of some mosquito species in the natural focus of Tahyna virus in southern | Changes in insecticide sensitivity in the bear weevil Acanthoscelides obtectus Say, brough about by induced pigment formation. |
| Conodontis peplaria Geyer, a noctuid, not a geometrid (Lepidoptera). | Moravia. 3854 | Genetics of organophosphate resistance in the |
| 3762 | Comparative studies of American and African | two-spotted spider mite (Tetranychus urticae |
| Solierella nitraria sp. n. (Hym., Sphecidae). | Trypanosomiasis. 3908 | Koch). 3905 |
| South American Cochylidae (Lepidoptera) from | Notes on the International Meeting on Virus and | Heterogeneity in the Trinidad DDT-RE |
| the collection of the British Museum (Natural History). | Virus Diseases of Grapes, held at Bernkastel (West Germany) in September 1967. | SISTANT strain and the QS susceptible strain o Aedes aegypti L. The isolation of highly resistan and highly susceptible substrains. |
| Ecological and systematic investigations of the | The present state of grape culture virus research. | 390' |
| Chironomidae (Diptera) of Lake Constance. A contribution to the lake chironomide fauna of | 3948 | INSECTICIDES Studies on the increment of the efficacy of insec |
| the northern foothills of the Alps. | A new virus disease of Carica papaya in India. 4005 | ticides (IX). On the synergistic action o pyrethrosin with pyrethroid. |
| A contribution to the genus Mantis Linne and Paramantis, nov. (Mantidae). | Transmission of the virus component of the ragi (Eleusine coracana) disease-complex in Mysore, | 3826 Controlling insects and other pests with |
| 3768 | India. 4028 | phosphonothioates. Patent 3,428,655. |
| A new species of Penthetria from Japan (Diptera, Bibionidae). | Plant virus diseases in Turkey which are trans- mitted by insect vectors. | 3850 The toxic action of a mixture of gamma-BHC |
| 3769 | 4036 | and EDB to Cryphalus fulvus Niijima. Studies or |
| On nocturnal darkling beetles of the genus Melanesthes Lac. (Coleoptera, Tenebrionidae) | Aphids and virus in north Canterbury wheat, 1965-66 season. | the control of forest pests. V. 3857 |
| from central Kazakhstan. 3772 | 4040 | On the effect of combined action of pathogenic microorganisms and insecticides upon insects. |
| The genus Susana Rohwer and Middleton | Insecticide granules and virus in autumn-sown wheat. | 3884 |
| (Hymenoptera: Tenthredinidae). | 4041 | Problem insects in 1967 - how to control them in |
| Collembola fauna of Malta. | Hemagglutination inhibiting antibodies to ar- | 1968. 3891 |
| 3774 | boviruses in the population of Hajdu-Bihar Dis- trict, Hungary. | Disease and insect control in home orchards. |
| The entomology of the Isle of Rhum National | 4167 | 3983 |
| Nature Reserve. 3775 | Isolation of the tick-borne encephalitis virus from the squirrel Sciurus vulgaris. | The peach twig borer and its control. 4032 |
| Acalypta pulchra sp. n A new species of Tin- | 4168 | Insecticide granules and virus in autumn-sowr |
| gidae from Bulgaria. (Heteroptera, Tingidae). 3776 | The natural occurrence of surra in the African longhaired fox. | wheat. |
| On the identity of 'Dasythorax ogasawarae Mat- | 4236 | A note on the nematicidal properties of 'Sevin'. |
| sumura' (Lepidoptera, Noctuidae, Cuculliinae). 3777 | The finding of Gongylonema pulchrum Molin, 1857 (Nematoda) in man. | 4051 Effects of heptachlor and nicotine on the barbels |
| Morpho-systematic studies on Collembola Part | 4278 | of a catfish (Heteropneustes fossilis). |
| 0i. Materials to a revision of the genus Lepido- cyrtus Bourlet, 1839 (Entomobryidae s. l.). | Regulating the shipment of living pests, pathogens and vectors. | INSECTS 4310 |
| Three new species of Eriophyid mites | 4345 | Letters on leaf miners. |
| (Acariformes: Eriophyidae, Rhyncaphytoptidae) from Poland. | INSECTICIDE APPLICATION Problem insects in 1967 - how to control them in 1968. | 3752 Controlling household pests. 3790 |
| Taxonomic and nomenclatural notes on | 3891 | Insects and mites of livestock and in farm |
| Gonodonta obesa (Walker)(Lepidoptera: Noctuidae). | Corn earworm threatens snapbeans. 4031 | buildings. 3792 |
| 3780 | The appearance of beet aphids in 1966. | Harmlessness of herbicides for the biocenosis. In: |
| New distribution records for Meropleon titan Todd (Cepidoptera: Noctuidae). | Some important aspects of cotton insect control. | Collection of reports geven at the International Herbicide Conference, Prague, June 21-24, 1966. |
| The neotropic species of Xanthopimpla | INSECTICIDE RESIDUES | 4090 |
| (Hymenoptera: Ichneumonidae). | Notice of filing of petition regarding pesticide chemicals. | INSPECTION (AGRICULTURAL PRODUCTS) The levels of Type II infection (Marek's disease) |
| Sphecoidea from the Ryukyus and Formosa | O inappropayuphanal mathulanghamata Nation | in 8-week-old chickens processed at dressing plants. (Abstract). |
| (Hymenoptera). | O-isopropoxyphenol methylcarbamate. Notice of establishment of temporary tolerance for | plants. (Abstract). 4231 |
| A new species of Eriococcus infesting American | pesticide chemical. 4294 | INSULIN |
| beach-grass in North Carolina (Homoptera: Coccoidea). | Food additives permitted in feed and drinking | Contribution to the study of the treatment of bovine ketosis. |
| 3785 | water of animals or for the treatment of food | 4200 |

3975

| INTEGRATED CONTROL (INSECTS) On the effect of combined action of pathogenic microorganisms and insecticides upon insects. 3884 | ISOLATES Morphological variation in the sugarcane smut, Ustilago scitaminea Syd. 3920 | LARVAE The larva of Carabus (Hygrocarabus Thoms.) variolosus variolosus Fabr. and its position in the larval system of genus Carabus L. (Coleoptera, |
|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| INTERNATIONAL COOPERATION The training course of the European, Plant Pro- | Isolation of the tuberculosis bacillus through electrophoresis in artificially contaminated milk. 4288 | carabidae). |
| tection Organization in England. 3914 INTERSTATE COMMERCE | ISOMERS The efficacy of trans and cis vitamin A. (Ab- | Larvae of injurious beetles (Coleoptera) in the soils of the Archeda Forest farm, Volgogard Province. |
| Duck virus enteritis (duck plague). Interstate movement. | stract). | 3795 |
| 4110 | ISOPROPOXYPHENYL N-METHYLCARBA- MATE, 2- | A contribution to the bionomics and morphology of Rhadinoceraea reitteri Knw. with a descrip- |
| Intestines Innervation of the gut of the migratory locust, | O-isopropoxyphenol methylcarbamate. Notice of establishment of temporary tolerance for | tion of the larva. (Hym., Tenthredinidae). |
| Locusta migratoria L. (Orthoptera, Acrididae). 3864 | pesticide chemical. 4294 | Structure and development of the imaginal wing discs of larva in a holometabolous insect, Bom- |
| Intestinal histology of vitamin A deficient chicks. (Abstract). | IXODIDAE To the fauna of ixodid ticks of Mongolia. | byx mori (Lepidoptera, Bombycidae). |
| 4113 Lymphoepithelial tissues of the intestine and dif- | 3744 | On the determination of age structure of the lar- |
| ferentiation of antibody production. | IXODIDES Ticks of the National Reactor Testing Station. | vae of Tendipedidae (Diptera). 3813 |
| Mid small intestinal parasitism and absorption of amino acids and protein. (Abstract). | KALE 4267 | Description of the larva of Parena (Parena) per- forata (Bates), with some notes on its life history |
| 4251 | Kale anaemia in ruminants. I. Survey of the literature and experimental induction of kale | (Carabidae). 3825 |
| A study of oesophagostomiasis, encountered in young buffaloes of Casertano. | anaemia in lactating cows. 4152 | Leaf beetle larvae of the subfamily Eumolpinae and of Syneta betulae F. (Coleoptera, Chrysome- |
| INTRADERMAL ALLERGIC TEST | KETOSIS Sodium propionate. Drugs for veterinary use; | lidae). 3840 |
| Tests on laboratory animals and on tubercular cows in order to determine the value of the mor- | drug efficacy study implementation. 4175 | A description of the developmental stages of Ctenophora guttata Wied, and a review of the |
| ruato cupric colloidal (gadusan) in the intradermal reaction. | Contribution to the study of the treatment of bovine ketosis. | Czechoslovak species of the genus Ctenophora (Dipt., Tipulidae). |
| IODOPHORS 4115 | KIDNEY BEANS | 3847 |
| Effect of an iodophor on shelf life of poultry. (Abstract). | Plant injury by air pollutants: Influence of humidity on stomatal apertures and plant response | Lysozyme in the humoral defense mechanism of specifically and non-specifically immunized in- sect larvae. |
| IPS TYPOGRAPHICUS | to ozone. | 3856 |
| Mortality of mature beetles Ips typographus (L.) (Col., Scolytidae) in the galleries and its causes. 3799 | KIDNEYS Virulence, adsorbability, and antigenicity of foot-and-mouth disease virus selected by adsorp- | Origin of oxalic acid in Ca oxalate crystals in the malpighian tubes of the tent caterpillar, Malacosoma neustria testacea. |
| IRON Animal food composition. Patent 3,428,457. | tion with homogenized mouse kidney. 4124 | 3881 Larval feeding habits of certain Chloropidae |
| 4159 Use of chicks to measure availability of iron. | A case of bilateral polycystic kidneys in a cat. 4137 | (Diptera). |
| (Abstract). | KROMBEINIA EVANSI Three species of Mexican Krombeinia having an | Phagocytic haemocytes in unfixed Galleria mel- |
| Effect of environmental temperature on iron deficiency anemia in Athens-Canadian random- | elongated tegula with an extended apical angle (Hymenoptera: Tiphiidae). | lonella larvae. 3890 Bloodwormspests of rice. |
| bred chicks. | KROMBEINIA NAYARITA | 4037 |
| IRON ISOTOPES Influence of various chelating agents on absorp- | Three species of Mexican Krombeinia having an elongated tegula with an extended apical angle (Hymenoptera: Tiphiidae). | Brief communication on the occurance of thelaciaepathogens of an enzootic eye disease in cattle in the German Democratic Republic. |
| tion of 60Co, 59Fe, 54Mn, and 65Zn by chickens. | 3793 | 4273 |
| The anaemia of acute and chronic ovine | KROMBEINIA VERACRUZAE Three species of Mexican Krombeinia having an elongated tegula with an extended apical angle | CASIOCAMPIDAE Origin of oxalic acid in Ca oxalate crystals in the malpighian tubes of the tent caterpillar, |
| fascioliasis. 4280 | (Hymenoptera: Tiphiidae). | Malacosoma neustria testacea. 3881 |
| IRRADIATION Effect of gamma-irradiation of late embryo on | LABELING Regulating the shipment of living pests, | LEAF MINERS |
| the growth of silkglands and on silk production in the silkworm, Bombyx mori. | Regulating the shipment of living pests, pathogens and vectors. | Letters on leaf miners. 3752 |
| 3875 Mexican fruit containment. | LABORATORY ANIMALS | LEAF RUST Air-borne rust inoculum over western Canada in |
| 3879 | Tests on laboratory animals and on tubercular cows in order to determine the value of the mor- | 1968. 3962 |
| Mutation rates and mortalities after X-irradiation of the early development stages of Drosophila melanogaster. | ruato cupric colloidal (gadusan) in the intradermal reaction. 4115 | Fungicides for Arabica coffee 17relationships among some new fungicides, leaf rust (Hemileia |
| Relative viability of heterozygotes and | LABURNUM A survey of leaf-miners and their parasites on | vastatrix), leaf fall and yield. |
| homozygotes with respect to the irradiated chromosome in Drosophila melanogaster. | Laburnum. 3797 | Leaf rust of wheat in Canada in 1968. |
| The effect of low doses of gamma irradiation | LACTATION Kale anaemia in ruminants. I. Survey of the | Field evaluation of some fungicides for control of |
| upon the rate of infection of plants with powdery mildew. II. A differentiated susceptibility of | literature and experimental induction of kale anaemia in lactating cows. | leaf and stem rusts of wheat. 4006 |
| winter wheat zelazna variety to infection with | 4152 | LEAF SPOT A new leaf spot of para rubber (Hevea brasilien- |
| powdery mildew (Erysiphe graminis F. tritici DC March). | LAMBS Adipose tissue in calves and lambs. 4107 | sis) in Nigeria. |
| Irradiated food: FDA blocks AEC, Army | LAMPRONIA RUBIELLA | Fruit disease problems and new approaches to |
| requests for approval. | Raspberry moth. | their controls. |

4286

4148

LEAVES

| LEAVES | LEUKOSIS | Disinfection in parasitoses. |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Leaf beetle larvae of the subfamily Eumolpinae | Investigations on the occurrence of bovine leu- kosis in the county of Oldenburg, including the | 4148 |
| and of Syneta betulae F. (Coleoptera, Chrysomelidae). | city of Delmenhorst and the metropolitan area of | Effect of dietary lipids upon the lipase, pan- |
| 3840 | Oldenburg. | creatic cholesterol esterase, plasma triglyceride and total plasma lipids level in the chick. (Ab- |
| Aglaonema pictum, a new host of Erwinia | LIFE CYCLE | stract). |
| chrysanthemi. | Significance of the parasite Aphidius ervi | 4261 |
| LEGISLATION | Haliday (Braconidae, Hymenoptera in con- | LIRIOMYZA Letters on leaf miners. |
| The importance of applied entomology for Aus- | trolling the density of population of | 3752 |
| trian plant protection. | Acyrthosiphon pisum Harris. 3839 | LIVER |
| | A contribution to the study of the pemphigose of | Lymphoepithelial tissues of the intestine and dif- |
| New ways for organizing the cooperation between plant protection services and apicul- | poplars and its pathogen Pamphigus spirothecae. | ferentiation of antibody production. 4213 |
| turists. | LIGHT 4035 | Investigation of the residues of two antibiotics of |
| 3929 | Insect metabolism of photoaldrin and photodiel- | the macrolide family (oleandomycin and spira- |
| The first maximum dosage regulation for plant protection preparations in the Federal Republic | drin. | mycin) in the tissues of chickens receiving anibiotic feed supplements. |
| of Germany. | 3837 | 4301 |
| 4347 | Electrifying agriculture and horticulture. 3921 | LIVESTOCK |
| LEGS | LIGHT TRAPS | Insects and mites of livestock and in farm |
| Relationship of biotin to leg weakness in turkeys. (Abstract). | The use of attractants in pest control. 2. Sex at- | buildings. 3792 |
| 4161 | tractants. | Notes on toxicology: The clover. |
| LEPIDOPTERA | I IMMEDIALIDAE | 4122 |
| Papilionoidea and Hesperioidea (Lepidoptera) | LIMNEPHILIDAE Use of freshwater sponge in case construction of | Hygiene and animal diseases in Deux-Sevres (re- |
| of the virgin forest of Bialowieski. | Limnephilus species (Trichoptera: Limne- | gion of Coulonges-sur-l'Autize). |
| South American Cochylidae (Lepidoptera) from | philidae). | Contribution to the study of hydrogen sulfide |
| the collection of the British Museum (Natural | LIMNOLOGY | poisoning of domestic animals. |
| History). | Ecological and systematic investigations of the | 4311 |
| 3764 | Chironomidae (Diptera) of Lake Constance. A | LIVESTOCK DISEASES |
| Supplementary communication concerning the occurrence of Caradrina kadenii Frr. | contribution to the lake chironomide fauna of the northern foothills of the Alps. | 22 plants poisonous to livestock in the Western United States. |
| (Lep.Noct.) in Switzerland. | 3766 | 4109 |
| 3771 | LINARIA VULGARIS | Enterotoxaemia of calves evoked by Clostridium |
| A survey of leaf-miners and their parasites on Laburnum. | Now can you spot those weeds. | perfringens type B. |
| 3797 | 4059 | 4114 |
| Bembecia pectinata Stgr. and its first stages. | LINDANE The toxic action of a mixture of gamma-BHC | Tests on laboratory animals and on tubercular cows in order to determine the value of the mor- |
| (Lepidoptera, Sesiidae). | and EDB to Cryphalus fulvus Niijima. Studies on | ruato cupric colloidal (gadusan) in the in- |
| 3873 | the control of forest pests. V. | tradermal reaction. |
| LEPTOSPHAERIA Studies of Leptosphaeria avenaria f. sp. triticea | Diseases and parasites of the rose. | Contribution to the study of bovine mastitis due |
| on wheat in North Dakota. | 3956 | to fungi. |
| 3970 | Raspberry moth. | 4125 |
| LEPTOSPIRA | 4039 | Ovine genital brucellosis. Epididmytis of the ram |
| Purification, ultrastructure, and composition of axial filaments from Leptospira. | Some remarks on plant protection preparation- tolerances. | (Brucella ovis). The utilization of a new antigen for the complement fixation test and intradermal |
| 4188 | 4292 | reaction. |
| LEPTOSPIROSIS | LINOLEIC ACID | 4126 |
| Leptospirosis in Argentina. Diffusion, morbidity | Reproductive abnormalities in hens deficient in | Leptospirosis in Argentina. Diffusion, morbidity and nosological map. |
| and nosological map. 4127 | linoleic acid. (Abstract). | 4127 |
| LESIONS | The linoleic acid requirement of the hen for | Biochemical research on hog cholera. Behavior |
| The pathology of avian osteodystrophy. (Ab- | reproduction. (Abstract). | of some enzymatic activities in the serum. |
| stract). | 4192 | 4132 Hygiene and animal diseases in Deux-Sevres (re- |
| Studies on acute Marek's disease. 9. Resistance | LINURON The lasting influence of triazines and the effect | gion of Coulonges-sur-l'Autize). |
| to MD by inoculation with the GA isolate. | of herbicide mixtures in the treatment of corn. | 4141 |
| 4147 | In: Collection of reports given at the Interna- tional Herbicide Conference, Prague, June 21- | Disinfection in parasitoses. |
| Pathogenesis of infectious synovitis in | 24, 1966. | 4148 |
| gnotobiotic chickens. (Abstract). | 4064 | Kale anaemia in ruminants. I. Survey of the literature and experimental induction of kale |
| LETTUCE | LIPASES Effect of dictury lipids upon the lipase pan | anaemia in lactating cows. |
| Longidorus africanus a pathogen of head lettuce | Effect of dietary lipids upon the lipase, pan- creatic cholesterol esterase, plasma triglyceride | 4152 |
| in the Imperial Valley of southern California. | and total plasma lipids level in the chick. (Ab- | Towards the eradication op bovine tuberculosis. 4172 |
| Experiences with residue research in lettuce. | stract). 4261 | Embryostat (oxytetracycline powder). Drugs for |
| 4291 | LIPIDS | veterinary use, drug efficacy study implementa- |
| LEUCINE | The conjugated plasma proteins in adult females | tion. 4173 |
| Growth depressing effect of excess leucine in | of Periplaneta americana (L.) under starvation | Sodium propionate. Drugs for veterinary use; |
| relation to the amino acid composition of the diet. (Abstract). | and other stress. | drug efficacy study implementation. |
| 4187 | Changes in the composition of lipids and fatty | 4175 |
| LEUCOPTERA COFFEELLA | acids in adult Culex tarsalis and Anopheles | Spohn's udder aid. Drugs for veterinary use; drug |
| Mating and oviposition behavior of the coffee | freeborni during the overwintering period. | efficacy study implementation. 4176 |
| leaf miner, Leucoptera coffeella (Lepidoptera: Lyonetiidae). | Incorporation of palmitate-1-C14 into lipids of | Ovarian cysts in cattle and its therapy with |
| 3888 | the blowfly during flight. | Gestafortin and prolan preparations. |
| LEUKEMIA | 3892 | 4186 The enignatial agical importance of fact and |
| C -type viral particles in plasma of cats with feline leukemia. | Lipids of Drosophila: A newly detected lipid in the male. | The epizootiological importance of foot-and- mouth disease carriers. II. The carrier status of |
| 4164 | 3895 | cattle exposed to foot-and-mouth disease follow- |

LOPHODERMIUM PINASTRI

ing vaccination with an oil adjuvant inactivated

LOPHODERMIUM DURILABRUM
Lophodermium durilabrum found on foxtail pine in California.

3986

3827

MELANOPLUS SANGUINIPES
Early morphogenesis of tumours induced by
Nosema acridophagus in Melanoplus san-

MALEIC HYDRAZIDE

| | virus vaccine. | 4191 | scotch pine Lophodermium pinastri (Schrad.) | hydrazide applied to onions by helicopter. |
|---|------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| | The mycotic abortions in the cow. | 1.01 | Chev. Phenological study: fall of needles and development of hysterothecia. | 4327 |
| | | 4194 | 3979 | MALIC ACID Oxidation of D-malic and beta-alkylmalic acids |
| | Contribution to the study of the treatment bovine ketosis. | | LUCILIA CUPRINA An electron microscope study of thoracic | by wild-type and mutant strains of Salmonella ty- phimurium and by Aerobacter aerogenes. |
| | | 4200 | mitochondriac membranes in developing adults | 4240 |
| | A survey of Brucella infection of cattle in A comparison of four serological tests | | of the blowfly Lucilia cuprina. 3887 | MALLOPHAGA Mallophaga of domestic chickens from Cuba. |
| | diagnosis of infection. | 4202 | LUNGS | 4268 |
| | Epithelial changes in porcine ex | | Experiments on the loss of Dictyocaulus filaria | MALPIGHIAN TUBES |
| | epidermitis; the light-microscopical pictu | | from the lungs of infected sheep. II. The demonstration of worms in the bronchial spare mucus. 4276 | Origin of oxalic acid in Ca oxalate crystals in the malpighian tubes of the tent caterpillar, Malacosoma neustria testacea. |
| | A contribution to the prophylactic use of | of Gam- | Proceedings of the American College of Veteri- | 3881 |
| | matonin in calves. | 4209 | nary Toxicologists, 1967. | MAMMALS Estrogenic activity of o,p'-DDT in the mam- |
| | Observations on septicemia of cattle caus | sed by a | LYMANTRIIDAE | malian uterus and avian oviduct. |
| | Haemophilus-like organism. | 4211 | The effect of diet on the physiology of the | MANDUCA SEVIA |
| | mit a star of a talkanda ta atas and tan | 4211 | brown-tail moth, Euproctis chrysorrhoea L. (Lepidoptera, Liparidae). | MANDUCA SEXTA Vitamin A deficiency: Effect on retinal structure |
| | Epizootics of trichinosis in pigs and its with anti-rat procedures using warfarin. | relation | 3861 | of the moth, Manduca sexta. |
| | with anti-rat procedures using warrarin. | 4227 | LYMPH NODES | 3807 |
| | The importance of brucellosis infection in to human health. | n regard | Lymphoepithelial tissues of the intestine and dif- ferentiation of antibody production. | MANTIDAE A contribution to the genus Mantis Linne and |
| | to naman nountin | 4237 | 4213 | Paramantis, nov. (Mantidae). |
| | A contribution to the salmonellosis of ca | ttle and | LYONETIIDAE A survey of leaf-miners and their parasites on | MASS SPECTRA |
| | its therapy. | | Laburnum. | A new antibiotic produced by a strain of Asper- |
| | | 4243 | 3797 | gillus flavipes. |
| | Investigations on the occurrence of boy | | Mating and oviposition behavior of the coffee | 4334 |
| | kosis in the county of Oldenburg, included ity of Delmenhorst and the metropolitar | ding the | leaf miner, Leucoptera coffeella (Lepidoptera: | MASTITIS Containution to the study of houing mostific due |
| | Oldenburg. | i alea oi | Lyonetiidae). | Contribution to the study of bovine mastitis due to fungi. |
| | | 4254 | LYSINE | 4125 |
| | Symposium on Brucellosis in Ireland. I. B | rucello- | Effect of methionine on a growth depression in- | MATRICARIA INODORA |
| | sis: Bacteriology and epidemiology. II. B | | duced by supplementing a corn-soybean meal | Effective methods for the use of herbicides in |
| | sis: Serological diagnosis. III. Vaccines a cellosis. | and bru- | diet with lysine. | combination with the mineral fertilizers. In: Collection of reports given at the International Her- |
| | cellosis. | 4260 | Cottonseed meal, lysine, and methionine for | bicide Conference, Prague, June 21-24, 1966. |
| | The anaemia of acute and chronic | ovine | layers. (Abstract). | 4085 |
| | fascioliasis. | | 4219 | MATSUCOCCUS FEYTAUDI |
| | | 4280 | Lysine requirement of the growing chick. (Ab- | The attraction to Pissodes notatus (Col. Curculionidae) of the wounds formed by Matsuococ- |
| | Studies on the epizootology of gastroir | ntestinal | stract). | cus feytaudi Duc. (Hom. Coccoidea) on |
| | helminths in calves. | 4281 | Imbalanced lysine feeds for starting or growing | maritime pine. |
| | Comparative toxicology of organic and in | | chicks. | MAZZARD CHERRIES |
| | arsenicals in swine. | iorgamie | 4234 | MAZZARD CHERRIES Pseudomonas syringae infection of sweet cherry |
| | | 4306 | Low lysine diets for rearing replacement pullets. | fruit in Utah. |
| | Locoweed toxicity in horses. | | (Abstract). | 3934 |
| | | 4312 | Lysine levels on chick growth and nitrogen | MCINTOSH DEPRESSION VIRUS |
| I | IZARDS | ntocara | utilization. (Abs:ract). | A transmissible fruit-depression disease of McIntosh apples. |
| | The oleander scale, Pseudaulacaspis pe (Targ.), (Homoptera, Coccidae) in Berm | ntagona | 4264 | 3991 |
| | (1415.), (110moptera, eoccidae) in Berni | 4043 | MACROPHAGES | MEAT |
| I | OCUSTA MIGRATORIA | | Penetration and development of Eimeria maxima | Size independent secretion by the corpus allatum |
| | Physiological and ultrastructural study | | sporozoites and the static effect of decoquinate. (Abstract). | of Calliphora erythrocephala. 3843 |
| | corpora allata of Locusta migratoria L. (| Orthop- | 4128 | DDT residues in beef cows fed apple pomace. |
| | tera) in the gregarious phase. | 3831 | MAGNESIUM | 4302 |
| | Innervation of the gut of the migratory | | Influence of various chelating agents on absorp- | MEGATOMA |
| | Locusta migratoria L. (Orthoptera, Acrid | lidae). | tion of 60Co, 59Fe, 54Mn, and 65Zn by chickens. | The palearctic species of Megatoma Herbst |
| | | 3864 | 4105 | (Coleoptera, Dermestidae). |
| I | ODGING | | Dietary magnesium requirement of the laying | MEIOSIS |
| | Lodging resistance in wheat. II. Identific superior genetic stocks. | ation of | hen. (Åbstract). | Meiosis in the male of Puto albicans (Coccoidea- |
| | superior gonetic stocks. | 3977 | MAGNESIUM SULFATE | Homoptera). |
| I | LONGIDORUS AFRICANUS | | Changes in insecticide sensitivity in the bean | The non-random chromosome segregation in |
| | Longidorus africanus a pathogen of head | | weevil Acanthoscelides obtectus Say, brought | spermatocytes of Gryllotalpa hexadactyla. A |
| | in the Imperial Valley of southern Califor | nia. 4054 | about by induced pigment formation. 3867 | micromanipulation analysis. |
| 1 | LOOSE SMUT | 4034 | MALACOSOMA NEUSTRIA | Chromosomou of the expedite finance |
| | Virulence of various groups of loose smu | t of bar- | Origin of oxalic acid in Ca oxalate crystals in the | Chromosomes of the cereal leaf beetle. |
| | ley, (Ustilago nuda (Jens.) Rostr.) physi | iological | malpighian tubes of the tent caterpillar, | MELANESTHES |
| | races in the light of anatomical investiga | | Malacosoma neustria testacea. 3881 | On nocturnal darkling beetles of the genus |
| | spring barley varieties different with rega sistance. I. Spreading of pathogene in ho | | MALATHION | Melanesthes Lac. (Coleoptera, Tenebrionidae) from central Kazakhstan. |
| | tissue. | ost plant | Two types of carboxyesterase degrading | from central Kazaknstan. |
| | | | | |

Insect control for garden vegetables.

Two types of carboxyesterase degrading malathion in resistant houseflies and their inhibition by synergists.

3859

3916

guinipes.

MELANOSE

| MELANOSE Melanose of citrus. 3988 | lection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966. | The tobacco mosaic virus (TMV) in the nutritive solution of the tomato hydroponous culture. |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| MELDANE Efficacy of several drugs for control of poultry | 4085 Current status of methods for identifying pesticides, a survey. (JPRS 32,031) | From the realm of microorganisms. Some interesting structures of plant microorganisms. |
| nematodes. (Abstract). | 4303 Field observations on effectiveness of maleic | MICROSCOPY 4026 |
| MELENGESTROL ACETATE Effect of MGA on body weight, body fat and fatty acid composition of chickens. (Abstract). 4224 | hydrazide applied to onions by helicopter. 4327 The use of the pre-emergence herbicide Avadex | Epithelial changes in porcine exudative epidermitis; the light-microscopical picture. 4208 |
| MELOIDOGYNE HAPLA Life cycle and reproduction of Meloidogyne hapla on potato. | and Avadex BW in the band spraying method. 4343 METHOXYCHLOR | MICROSPORIDIA Parasites of ladybirds (Coleoptera, Coccinellidae) in Leningrad Province. |
| 4052 | Insect control for garden vegetables. 3916 | MICROTERYS CLAUSENI |
| MELOIDOGYNE INCOGNITA Overwintering of Meloidogyne incognita in southwestern Ontario. 4047 | Low temperature sprays for Dutch elm disease control. | Microterys clauseni Compere (Hym.: Encyrtidae). |
| MENADIONE | METHYL BROMIDE Soil fumigation at Boskoop. | MILK Insects and mites of livestock and in farm |
| The relation of protein level of alfalfa meals to their vitamin K activity. (Abstract). | 3925 | buildings. |
| MEROPLEON TITAN New distribution records for Meropleon titan | Fumigation and reuse of broiler litter. (Abstract). | Isolation of the tuberculosis bacillus through electrophoresis in artificially contaminated milk. |
| Todd (Cepidoptera: Noctuidae). | METHYL ISOTHIOCYANATE Soil fumigation at Boskoop. | 4288 Investigation to determine the respective residue |
| MESOSTIGMATA | 3925 | amounts of DDT and its analogues in the milk and back fat of selected dairy animals. |
| Record of the moth ear mite, Dicrocheles phalaenodectes, in Ohio (Acarina: Mesostig- | METHYL-4-CHLOROPHENOXY)BUTYRIC ACID, 4-(2- | 4300 |
| mata). 3865 | Perennial bindweeds. 4074 | MILK ANALYSIS Investigation to determine the respective residue |
| METABOLISM The anabolic steroids and their use in veterinary therapeutics. | METHYL-4-CHLOROPHENOXYACETIC ACID, 2- | amounts of DDT and its analogues in the milk and back fat of selected dairy animals. |
| 4099 | Ragwort. 4073 | MILK FEVER |
| Oxidation of D-malic and beta-alkylmalic acids by wild-type and mutant strains of Salmonella ty- | Perennial bindweeds. 4074 | Milk fever in the dog. 4262 |
| phimurium and by Aerobacter aerogenes. 4240 | METHYLACETOPHENONE, 4' | MINERALS Effective methods for the use of herbicides in |
| Strontium metabolism in hens. (Abstract). | Study on attractant of the rice stem borer, Chilo suppressalis Walker. | combination with the mineral fertilizers. In: Collection of reports given at the International Her- |
| Digitalin metabolism in cardiac insufficiency of | METHYRIDINE 3835 | bicide Conference, Prague, June 21-24, 1966. |
| the dog. 4307 | Efficacy of several drugs for control of poultry nematodes. (Abstract). | The influence of antibiotics on mineral metabol- |
| The influence of antibiotics on mineral metabolism. | 4272 | ism. 43I3 |
| 4313 METACERCARIA | METRITIS Embryostat (oxytetracycline powder). Drugs for | MITES What the practitioner should know about |
| Minimum time for development and life span of | veterinary use, drug efficacy study implementa- tion. | arthropods. |
| metacercariae. 4270 | MICE 4173 | Insects and mites of livestock and in farm |
| METAMORPHOSIS Structure and development of the imaginal wing | Virulence, adsorbability, and antigenicity of foot-and-mouth disease virus selected by adsorp- | buildings. 3792 |
| discs of larva in a holometabolous insect, Bombyx mori (Lepidoptera, Bombycidae). | tion with homogenized mouse kidney. 4124 | A mite of the genus Tydeus (Acariformes, Tydeidae) that is a grape pest in Moldavia. |
| METHANOL Low temperature sprays for Dutch elm disease | Toxoplasma infection: Some factors possibly contributing to the mechanism of toxoplasmic in- | MITOCHONDRIA 3846 |
| control. | fection. 4189 | Factors affecting the oxidation of glycerol-1- phosphate by insect flight-muscle mitochondria. |
| METHIONINE | The animal adenoviruses. | 3815 Effects of long-term cardiatectomy-allatectomy |
| Effect of energy-protein balance, energy intake and methionine on growth and body composition of ducklings. (Abstract). | MICROBIOLOGY Observations on septicemia of cattle caused by a | on mitochondrial respiration in the cockroach, Blaberus discoidalis. |
| 4140 Effect of methionine on a growth depression in- | Haemophilus-like organism. 4211 | An electron microscope study of thoracic |
| duced by supplementing a corn-soybean meal diet with lysine. 4151 | MICRONUTRIENTS Fusarium wilt (race 2) of tomato: Calcium, pH, and micronutrient effects on disease develop- | mitochondriac membranes in developing adults of the blowfly Lucilia cuprina. 3887 |
| Sulfur amino acid requirement of laying hens. | ment. | MITOSIS Endomitosis in the mealy bug, Planococcus citri |
| (Abstract). 4156 Cottonseed meal, lysine, and methionine for | Micronutrients: The secret of better yields for farmers. | (Homoptera: Coccoidea). |
| layers. (Abstract). | 3976 The effects of increasing molybdenum rates on | Chemical regulators in horticulture. 4333 |
| Specificity of the chick's requirement for choline. (Abstract). | building of dry material of clover. | MOLECULES Molecular order of participation of inhibitors (or |
| METHODOLOGY 4221 | MICROORGANISMS Mortality of mature beetles lps typographus (L.) | activators) in biological systems. |
| Comparative studies of American and African Trypanosomiasis. | (Col., Scolytidae) in the galleries and its causes. | MOLYBDENUM |
| 3908 | On the effect of combined action of pathogenic | Changes in insecticide sensitivity in the bean weevil Acanthoscelides obtectus Say, brought |
| Effective methods for the use of herbicides in combination with the mineral fertilizers. In: Col- | microorganisms and insecticides upon insects. 3884 | about by induced pigment formation. |

Effective methods for the use of herbicides in combination with the mineral fertilizers. In: Col-

| The effects of increasing molybdenum building of dry material of clover. | rates on |
|--------------------------------------------------------------------------|----------|
| ounding of dry material of clover. | 4322 |

MONKEYS

The animal adenoviruses.

4217

Early morphogenesis of tumours induced by Nosema acridophagus in Melanoplus sanguinipes.

Contribution to the study of oligosporic Actinomycetes. I. Description of a new species of Actinobifida: Actinobifida alba sp. nov. and revision of the genus.

Purification, ultrastructure, and composition of axial filaments from Leptospira.

On the structure of horse influenza virus. A contribution to the ultrastructure of influenza

4235

MORTALITY

Mortality of mature beetles Ips typographus (L.) (Col., Scolytidae) in the galleries and its causes

On the effect of combined action of pathogenic on the effect of combined detection microorganisms and insecticides upon insects.

3884

22 plants poisonous to livestock in the Western United States.

Studies on acute Marek's disease. 9. Resistance to MD by inoculation with the GA isolate. 4147

Fumigation and reuse of broiler litter. (Ab-

stract).

Effect of spectinomycin on experimentally induced Arizona group infection in turkeys. (Ab-

Experimental studies on the ammonia poisoning of the goat. I. On the capacity to detoxicate am-

monia entering through the portal blood.

MOSAIC

Freezing and thawing of purified suspensions of the tobacco mosaic virus and its effect on infec-

Some observations on the shape and localization of different viruses in experimentally infected plants, and on the fine structure of the host cells. IV:ABABIS mosaic virus in Petunia hybrida

Broad-bean stain and true broad-bean mosaic

3960

Multiplication of tobacco mosaic virus in suspension culture of tobacco cells.

Effects of tobacco mosaic virus on the phosphorus metabolism of Nicotiana xanthi n. c.

The tobacco mosaic virus (TMV) in the nutritive solution of the tomato hydroponous culture.

Transmission of the virus component of the ragi (Eleusine coracana) disease-complex in Mysore, Ìndia.

MOTHS

Problem insects in 1967 - how to control them in

MOUTH PARTS

Study of the morphogenesis of the maxillary stylet of Rhodnius prolixus by transplantations of incomplete stylogenetic organs. 3862

MOWING

Chemical control of annual bluegrass as related to vertical mowing.

MURAMIDASE

Lysozyme in the humoral defense mechanism of specifically and non-specifically immunized insect larvae.

MUSCA DOMESTICA

Isolation and characterization of ribonucleic acid from Musca domestica (L.).

The effect of essential amino acid deficiency on the sex-specific accumulation of a observation for a base in female house-flies (Musca domestica L.). the sex-specific accumulation of a blood protein

Studies on the increment of the efficacy of insecticides (IX). On the synergistic action of pyrethrosin with pyrethroid. Fundamental properties of intensity, form, and motion perception in the visual nervous systems

of Calliphora, phaenicia and Musca domestica.

types of carboxyesterase degrading malathion in resistant houseflies and their inhibition by synergists.

Effects of apholate on the bionomics of Musca domestica nebulo Fabr.

3866

MUSCIDAE

European species of the genus Myospila Rond. (Dipt., Muscidae).

3823

MUSCLES

The excitation of insect skeletal muscles.

3791

Factors affecting the oxidation of glycerol-Iphosphate by insect flight-muscle mitochondria.

MUSCULAR DYSTROPHY

Dietary amino acids and muscular dystrophy. (Abstract).

MUSKMELONS

Fungal and bacterial diseases of crucifers and cucurbits in western Ontario in 1967.

3996

MUTATION

Oxidation of D-malic and beta-alkylmalic acids by wild-type and mutant strains of Salmonella typhimurium and by Aerobacter aerogenes.

4240

MYCOBACTERIUM AVIUM

Serological typing of mycobacteria for tracing possible sources of avian mycobacterial infections in man. 4170

MYCOBACTERIUM TUBERCULOSIS

Determination of the virulence of the Mycobacterium tuberculosis by the fluorescence method

Isolation of the tuberculosis bacillus through electrophoresis in artificially contaminated milk 4288

MYCOLOGY

From the realm of microorganisms. Some interesting structures of plant microorganisms.

4026

The mycotic abortions in the cow.

4194

MYCOPLASMA

The interaction of a nonpathogenic Mycoplasma sp. (TU) with Mycoplasma gallisepticum, and Newcastle disease virus in the avian respiratory tract. (Abstract).

MYCOPLASMA GALLISEPTICUM

Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract).

The interaction of a nonpathogenic Mycoplasma sp. (TU) with Mycoplasma gallisepticum, and Newcastle disease virus in the avian respiratory tract. (Abstract).

4134

The effect of added energy on induced Mycoplasma gallisepticum infection in broilers.

MYCOPLASMA MELEAGRIDIS

Experimental control Mycoplasma meleagridis in turkeys by the temperature differential dipping of eggs in tylosin and spiramycin. (Ab-

Control of Mycoplasma meleagridis infection in turkeys. (Abstract).

The use of serologic methods for the control of Mycoplasma meleagridis in turkeys. (Abstract).

Field significance of Mycoplasma meleagridis infection. (Abstract).

Persistance of Mycoplasma meleagridis in the genitalia of experimentally infected turkeys. (Abstract).

4263

MYOSPILA

European species of the genus Myospila Rond. (Dipt., Muscidae).

3823

MYZUS PERSICAE

A new virus disease of Carica papaya in India.

4005

NAPHTHYLACETAMIDE

Current status on chemical thinning of peaches and pears in Michigan.

NARCOTICS

Some recent aspects of veterman,
Attempted comparison with human toxiocology.
4316 Some recent aspects of veterinary toxicology:

NATURAL CONTROL (INSECTS)

On the value of our birds.

NEMAPOGON LEVANTINUS Taxonomy and distribution of the palearctic

Nemapogon species (Lepidoptera, Tineidae).

3927

NEMAPOGON ORIENTALIS Taxonomy and distribution of the palearctic

Nemapogon species (Lepidoptera, Tineidae)

NEMATOCIDES

A note on the nematicidal properties of 'Sevin'

4051

Nematodes are destructive to your plants.

4053 Control of the citrus nematode, Tylenchulus semipenetrans, with 1,2-dibromo-3chloropropane in Taiwan.

4057

NEMATODE INFESTATION

Breeding and propagation of virus-free grapes in hydroponic cultures.

4045

NEMATODE MORPHOLOGY

Life cycle and reproduction of Meloidogyne hapla on potato.

NEMATODE POPULATIONS

Nematodofauna of a mixed hornbeam-oak forest soil and of the neighboring cultivated lands at Bab near Nitra.

Mortality of mature beetles Ips typographus (L.) Mortality of mature occurs 190 (1905)—(Col., Scolytidae) in the galleries and its causes.

3799

Nematodes associated with bananas in the Windward Islands.

Problem insects in 1967 - how to control them in

3818

NEMATOLOGY

Notice of filing of petition for food additive NEUROLOGY

| nitrodan. | The excitation of insect skeletal muscles. | 1968. |
|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| | 3791 | 3891 |
| A study of oesophagostomiasis, encountered in | NEWCASTLE DISEASE | Hereditary nature of the two forms of Argyro- |
| young buffaloes of Casertano. | Investigation of some enzymatic activities (GOT, | gramma albostriata (Bremer and Grey) (Noc- |
| | GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or | tuidae, Plusiinae). |
| Flaphostrongylus cervi Cameron, 1931 in the central nervous system of red deer (Cervus | those infected with newcastle disease virus. | |
| elaphus). | 4133 | Insect control for garden vegetables. |
| 4271 | NEWCASTLE DISEASE VIRUS | 3916 |
| Efficacy of several drugs for control of poultry | Newcastle disease virus. Characteristics of a | NOMENCLATURE |
| nematodes. (Abstract). | strain (2425) isolated in Cordoba, Argentina in | Conodontis peplaria Geyer, a noctuid, not a |
| 4272 | 1961. II. Comparative study of immunologic | geometrid (Lepidoptera). 3762 |
| Experiments on the loss of Dictyocaulus filaria | relationships and cellular affinities. | |
| from the lungs of infected sheep. II. The demon- | 4116 | On nocturnal darkling beetles of the genus |
| stration of worms in the bronchial spare mucus. | The interaction of a nonpathogenic Mycoplasma | Melanesthes Lac. (Coleoptera, Tenebrionidae) from central Kazakhstan. |
| 4276 | sp. (TU) with Mycoplasma gallisepticum, and | 3772 |
| An attempt to eliminate the principal parasitic | Newcastle disease virus in the avian respiratory | |
| nematodes of dogs by using a new phosphoric | tract. (Abstract). | Taxonomic and nomenclatural notes on |
| ester. | 4134 | Gonodonta obesa (Walker)(Lepidoptera: Noctuidae). |
| 4277 | NICARBAZIN | 3780 |
| The finding of Gongylonema pulchrum Molin, | Nicarbazin. Drugs for veterinary use; drug effica- | NOSEMA ACRIDOPHAGUS |
| 1857 (Nematoda) in man. | cy study implementation. | |
| 4278 | 4174 | Early morphogenesis of tumours induced by Nosema acridophagus ir. Melanoplus san- |
| NEMATOLOGY | NICOTINE | guinipes. |
| The importance of applied entomology for Aus- | Insect control for garden vegetables. | 3827 |
| trian plant protection. | 3916 | NOZZLES |
| 3926 | Effects of heptachlor and nicotine on the barbels | What you should know about concentrate spray- |
| NEOPLASMS | of a catfish (Heteropneustes fossilis). | ing. |
| Early morphogenesis of tumours induced by | 4310 | 4342 |
| Nosema acridophagus in Melanoplus san- | NITRATES | NUCLEOTIDES |
| guinipes. 3827 | Environmental nitrates and animal health. | Isolation and characterization of ribonucleic acid |
| | 4315 | from Musca domestica (L.). |
| Spontaneous tumors of the brain in rats: A report of 3 cases. | NITRO-4-HYDROXYPHENYLARSONIC ACID, | 3798 |
| 4121 | 3- | NURSERIES |
| Proteins before and after inoculation with RSV. | Notice of filing of petition for food additives. | Spore dispersal by Scleroderris lagerbergii under |
| (Abstract). | 4143 | nursery and plantation conditions. |
| 4153 | NITRODAN | 4007 |
| A meningioma in a cat associated with erosion of | Notice of filing of petition for food additive | NURSERY STOCK (HORTICULTURE) |
| the skull. | nitrodan. | Foreign quarantine notices. Nursery stock, |
| 4154 | 4144 | plants, and seeds. Importation. |
| Spontaneous tumors in Holtzman-source rats of | NITROFURAZONE | 4346 |
| various ages. | Effect of nitrofurazone and furazolidone on | NUTRIENT SOLUTIONS (PLANTS) |
| 4226 | reproduction in chickens. | Fusarium wilt (race 2) of tomato: Calcium, pH, |
| Avian virus-induced tumors. | | and micronutrient effects on disease develop- |
| 4242 | NITROGEN | ment. |
| Investigations concerning the ultrastructure and | Are fertilizer programs related to fireblight and fruit disorders at harvest. | 3974 |
| etiology of the mast cell tumors in the dog. | 3933 | Breeding and propagation of virus-free grapes in |
| 4259 | | hydroponic cultures. |
| NEOTROPICAL REGION | Effect of Sclerospora graminicola infection on total nitrogen content and free amino acid com- | 4045 |
| A new species on neotropical seed weevil affect- | position of Bajra plants. | NUTS |
| ing pigeon peas, with notes on two closely related | 3995 | Weed control in fruits and nuts. |
| species(Coleoptera: Bruchidae: Bruchinae). | Possibilities for Botrytis cinerea control, espe- | 4070 |
| 3756 | cially in tomatoes. | NYCTERIBIIDAE |
| The neotropic species of Xanthopimpla | 4019 | Faunal and ecological study on the families Nyc- |
| (Hymenoptera: Ichneumonidae). | Amino acids and isonitrogenous turkey starter | teribiidae and Streblidae (Dipt., Pupipara) of the |
| 3782 | diets. (Abstract). | Nangahar Province (Eastern Afghanistan). |
| Studies of neotropical caddis flies. VIII: The im- | 4207 | 3829 |
| mature stages of Barypenthus claudens (Trichoptera: Odontoceridae). | Lysine levels on chick growth and nitrogen | NYGMIA PHAEORRHOEA |
| (Thenoptera, Odomoceridae). | utilization. (Abstract). | The effect of diet on the physiology of the |
| NERVES | 4264 | brown-tail moth, Euproctis chrysorrhoea L. |
| Structure and function of the giant fibre system | Effect of storage on cottonseed and cottonseed | (Lepidoptera, Liparidae). |
| in the cockroach, Periplaneta americana. | products. | 3861 |
| 3817 | 4283 | NYSTATIN |
| On ocular regeneration in Lithobius forficatus L. | NITROVIN | Nystatin for feed formulation. Drugs for veteri- |
| (Myriopoda Chilopoda). | Payzone nitrovin-A new growth promoter for | nary use. drug efficacy study implementation. 4179 |
| 3832 | poultry. (Abstract). | |
| NERVOUS SYSTEM | 4101 | OATS |
| Structure and function of the giant fibre system | NOCTUIDAE | Crown rust of oats in Canada in 1968. |
| in the cockroach, Periplaneta americana. | Conodontis peplaria Geyer, a noctuid, not a | 3958 |
| 3817 | geometrid (Lepidoptera). | O-isopropoxyphenol methylcarbamate. Notice |
| Fundamental properties of intensity, form, and | 3762 | of establishment of temporary tolerance for |
| motion perception in the visual nervous systems | Supplementary communication concerning the | pesticide chemical. |
| of Calliphora, phaenicia and Musca domestica. | occurrence of Caradrina kadenii Frr. | |
| 3849 | (Lep.Noct.) in Switzerland. | ODONATA |
| Innervation of the gut of the migratory locust, | 3771 | New data on accumulation of \$35 and Ru106 by |
| Locusta migratoria L. (Orthoptera, Acrididae). | On the identity of 'Dasythorax ogasawarae Mat- | dragonfly nymphs (Odonata). 3820 |
| 3864 | sumura' (Lepidoptera, Noctuidae, Cuculliinae). | |
| NESTING HABITS | | ODONTOCERIDAE Studies of postropical auddia flies VIII. The im- |
| Some biological notes on Bombus ignitus Smith | Taxonomic and nomenclatural notes on | Studies of neotropical caddis flies. VIII: The immature stages of Barypenthus claudens |
| with special reference to the nest structure (Hym. Apidae). | Gonodonta obesa (Walker)(Lepidoptera: Noctuidae). | (Trichoptera: Odontoceridae). |
| (11)III. Apidae). | tuluac). | (Thenopiera, Odomoceridae). |

3834

3844

| DESOPHAGOSTOMIASIS A study of oesophagostomiasis, encountered in | Current status of methods for identifying pesticides, a survey. (JPRS 32,031) | OXIDATION Factors affecting the oxidation of glycerol-1- |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| young buffaloes of Casertano. | 4303 | phosphate by insect flight-muscle mitochondria. |
| 4269 | Comparative toxicology of organic and inorganic arsenicals in swine. | OXYGEN 3815 |
| DESOPHAGOSTOMUM RADIATUM A study of oesophagostomiasis, encountered in | 4306 | Molecular order of participation of inhibitors (or |
| young buffaloes of Casertano. | Proceedings of the American College of Veteri- | activators) in biological systems. |
| 4269 | nary Toxicologists, 1967. | 4339 |
| DES | ORGANOPHOSPHORUS COMPOUNDS | OXYTETRACYCLINE Embryostat (oxytetracycline powder). Drugs for |
| Prevention of the spread of non-persistent plant viruses by oil spraying. | Two types of carboxyesterase degrading | veterinary use, drug efficacy study implementa- |
| 3963 | malathion in resistant houseflies and their inhibi- | tion. |
| Comparison of attenuated live Pasteurella mul- | tion by synergists. 3859 | 4173 |
| tocida given in drinking water to an oil-base bacterin administered to turkeys. (Abstract). | Genetics of organophosphate resistance in the | OXYTROPIS Locoweed toxicity in horses. |
| 4117 | two-spotted spider mite (Tetranychus urticae | 4312 |
| DLEANDOMYCIN | Koch). | OZONE |
| Investigation of the residues of two antibiotics of | 3905 | Plant injury by air pollutants: Influence of hu- |
| the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving | Current status of methods for identifying pesticides, a survey. (JPRS 32,031) | midity on stomatal apertures and plant response to ozone. |
| anibiotic feed supplements. | 4303 | 4326 |
| 4301 | Organic phosphate poisoning of sheep in Skull | PALMITIC ACID COMPOUNDS |
| DLEIC ACID Effect of prolonged infection by intestinal acc | Valley, Utah. | Incorporation of palmitate-1-C14 into lipids of |
| Effect of prolonged infection by intestinal coccidia upon zinc-65 and oleic acid absorption in | ORIBATEI | the blowfly during flight. |
| broilers. (Abstract). | What the practitioner should know about | PANCREAS |
| 4250 | arthropods. | Oral therapy of diabetes mellitus in dogs with |
| DLETHREUTIDAE Natural enemies of Laspeyresia pomonella L. | ODNAMENTAL BLANTS | Glycodiazin. |
| (Lepidoptera, Tortricidae) and the effect of | ORNAMENTAL PLANTS Plant protection. Bulletin of the plant disease | 4160 |
| chemical treatment on their useful activity. | control station of Geneva. February. | Effect of dietary lipids upon the lipase, pan- creatic cholesterol esterase, plasma triglyceride |
| 3819 | 3930 | and total plasma lipids level in the chick. (Ab- |
| OLFACTOMETERS Study on attractant of the rice stem haver. Chile | Plant protection. Bulletin of the plant disease | stract). |
| Study on attractant of the rice stem borer, Chilo suppressalis Walker. | control station of Geneva. August. | PANONYCHUC III MI |
| 3835 | Plant protection. Bulletin of the plant disease | PANONYCHUS ULMI Problem insects in 1967 - how to control them in |
| DLFACTORY RESPONSES | control station of Geneva. September. | 1968. |
| Specificity of population-aggregating | 3932 | 3891 |
| pheromones in Dendroctonus. 3863 | Plant protection. Bulletin of the Plant Disease Station of Geneva. March. | PAPAYAS |
| DLIVES | Station of Geneva. March. | Efficacy of fungicides, hot water and gamma-ir- radiation for control of postharvest fruit rots of |
| Discovery and distribution of Fusicoccum | Plant protection. Bulletin of the Plant Disease | papaya. |
| canker of Russian olive in Illinois. | Station of Geneva, June. | 3971 |
| ONCOPELTUS FASCIATUS | 4011 | A new virus disease of Carica papaya in India. |
| Juvenile hormone: Activity of aromatic terpe- | Plant protection. Bulletin of the Plant Disease Station of Geneva. October. | A005 |
| noid ethers. | 4012 | PARACOLOBACTRUM ARIZONAE Effect of spectinomycin on experimentally in- |
| 3805 | Plant protection. Bulletin of the Plant Disease | duced Arizona group infection in turkeys. (Ab- |
| Temperature and circadian control of cuticle growth on the bug, Oncopeltus fasciatus. | Station of Geneva. April. | stract). |
| 3814 | The development of chemical weed control in | 4265 |
| ONIONS | ornamental plants in fields. | PARAINFLUENZA Polyvalent parainfluenza CF antigen for |
| Host resistance reflected in differential ne- | 4063 | serodiagnosis. |
| matode population structures. | ORNAMENTAL TREES | 4166 |
| The effectiveness of the newer herbicides for the | A survey of leaf-miners and their parasites on Laburnum. | PARAQUAT |
| control of weeds in cultivated plants with special | 3797 | Chemical control of weeds in the Hungarian vineyards. In: collection of reports given at the |
| attention to weeds which are difficult to control. | OROBANCHE | International Herbicide Conference, Prague, |
| In: Collection of reports given at the International Herbicide Conference, Prague, June 21- | Control of Orobanche under natural and artifi- | June 21-24, 1966. |
| 24, 1966. | cally infested conditions. 4068 | DADACITES 4086 |
| 4081 | ORTHOPTERA | PARASITES Studies on the life history and biological control |
| Field observations on effectiveness of maleic | On the Orthopterous fauna in the south of the | of the spittlebug, Clastoptera undulata Uhler |
| hydrazide applied to onions by helicopter. | Krasnoyarsk Territory. 3754 | (Cercopidae: Hemiptera). |
| DNOCLEA SENSIBILIS | OSTEODYSTROPHY | Gamparative studies of American and African |
| New antheridiogen from the fern Onoclea sensi- | The pathology of avian osteodystrophy. (Ab- | Comparative studies of American and African Trypanosomiasis. |
| bilis. 4325 | stract). | 3908 |
| OOGENESIS | OULEMA MELANOPUS | PARASITIC INSECTS |
| The influence of the genotype on the frequency | Chromosomes of the cereal leaf beetle. | New Perilampidae (Hymenoptera: Chalci- |
| of radiation-induced aneuploidy in the oogenesis | 3900 | doidea). |
| of Drosophila melanogaster. 3897 | OVARIAN CYSTS | Microterys clauseni Compere (Hym.: Encyr- |
| DRANGES | Ovarian cysts in cattle and its therapy with Gestafortin and prolan preparations. | tidae). |
| Reduction of preharvest drop and water spot of | 4186 | 3796 |
| navel oranges in Southern California. | OVIPOSITION | A survey of leaf-miners and their parasites on Laburnum. |
| DRCHARDS 4331 | Mating and oviposition behavior of the coffee | 23797 |
| Reduction of preharvest drop and water spot of | leaf miner, Leucoptera coffeella (Lepidoptera: Lyonetiidae). | Review of the parasitic Diptera of the genus |
| navel oranges in Southern California. | 3888 | Eriothrix meigen (Diptera, Tachinidae) in the |
| ORCANIC COMPOUNDS | OXALIC ACID | USSR. 3838 |
| ORGANIC COMPOUNDS Controlling insects and other pests with | Origin of oxalic acid in Ca oxalate crystals in the malpighian tubes of the tent cate pillar, | Parasites of ladybirds (Coleoptera, Coccinel- |
| phosphonothioates. Patent 3,428,655. | Malacosoma neustria testacea. | lidae) in Leningrad Province. |
| | | |

3881

PARASITISM

| Community studies on Hymenoptera found on Brassica napus L. Part III. Braconidae and | PARIANA A new genus and two new species of Cecido- | Fungus diseases of cotton seedlings in Egypt. 3972 |
|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Aphidiidae. 3853 | myiidae associated with Pariana spp. (Gramineae) in South America (Diptera). | PENTHETRIA RITSUMEIKANA A new species of Penthetria from Japan (Dip- |
| Notes on the parasites of the root aphids (Hymenoptera, Aphidiidae). | PASTEURELLA MULTOCIDA Comparison of attenuated live Pasteurella mul- | tera, Bibionidae). |
| Ticks of the National Reactor Testing Station. 4267 | tocida given in drinking water to an oil-base bacterin administered to turkeys. (Abstract). | PENTOBARBITAL SODIUM Glycemia in dogs. 4184 |
| PARASITISM | PATENTS 4117 | PERENNIAL PLANTS Distribution and host range of maize dwarf mosa- |
| Contributions to the knowledge of Analgesoidea of Czechoslovakia. 3743 | Controlling insects and other pests with phosphonothioates. Patent 3,428,655. | ic virus in Virginia. |
| Mortality of mature beetles lps typographus (L.) | Animal food composition. Patent 3,428,457. | Perennial bindweeds. 4074 |
| (Col., Scolytidae) in the galleries and its causes. | 4159 Prosphanilic acid derivatives. Patent 3,442,938. | PERILAMPIDAE New Perilampidae (Hymenoptera: Chalci- |
| Parasites of ladybirds (Coleoptera, Coccinellidae) in Leningrad Province. | Halobenzyl carbamates. Patent 3,442,892. | doidea). |
| Comparative studies of the development of | 4336 Process for the production of substituted | PERILAMPUS PHILEMBIA New Perilampidae (Hymenoptera: Chalci- |
| Plasmodium cynomolgi bastianellii in Anopheles stephensi and A. albimanus. | triazines. Patent 3,428,636. | doidea). |
| 3860 | Emulsifiers for agricultural pesticides. Patent | PERIPLANETA AMERICANA |
| The rate of contamination in relation to the percentage of infection in the parasitic diseases of plants. | 3,442,818. 4338 | The conjugated plasma proteins in adult females of Periplaneta americana (L.) under starvation |
| 4029 | Phytotoxic alpha-halo-acetanilides. Patent 3,442,945. | and other stress. |
| The oleander scale, Pseudaulacaspis pentagona (Targ.), (Homoptera, Coccidae) in Bermuda. | 4340 Pesticidal uses of thiosubstituted phenols. Patent | Structure and function of the giant fibre system in the cockroach, Periplaneta americana. |
| 4043 | 3,443,012. | 3817 |
| Control of Orobanche under natural and artifically infested conditions. | PATHOGENESIS 4341 | Salt and water transport by the in vitro cockroach midgut. |
| 4068 | Pathogenesis of and recovery from respiratory | 3870 |
| Hygiene and animal diseases in Deux-Sevres (region of Coulonges-sur-l'Autize). | syncytial and influenza infections in ferrets. 4215 | The hyperglycaemic activity of the corpus allatum in an insect. |
| 4141 | PEACHES Current status on chemical thinning of peaches | 3877 |
| Disinfection in parasitoses. 4148 | and pears in Michigan. | Notes on the chromosomes of two species of cockroaches. |
| An improvement of the indirect fluorescent an- | This may be the year for spray thinning. | PERMEABILITY 3904 |
| tibody test for the diagnosis of intraerythrocytic parasitic infections. | PEANUTS 3917 | Insects and physiology; essays presented to Sir |
| Mid small intestinal parasitism and absorption of amino acids and protein. (Abstract). | Biology of the fungus Aspergillus flavus Link and its infectivity to plants and animals. | Vincent Wigglesworth, CBE, MD, FRS on his retirement from the Quick Chair of Biology and directorship of the Unit of Insect Physiology in |
| 4251 | Studies on weed control in groundnut (Arachis | the University of Cambridge. 3800 |
| Minimum time for development and life span of metacercariae. | hypoceae) - a review. | Shell quality effect on Salmonella penetration. (Abstract). |
| 4270 | PEARLMILLET | 4225 |
| Brief communication on the occurance of thelaciaepathogens of an enzootic eye disease in cattle in the German Democratic Republic. | Effect of Sclerospora graminicola infection on total nitrogen content and free amino acid composition of Baira plants. | PERONOSPORA Some observations on the late occurrence of Peronospora on grapes in the period 1964-1966. |
| 4273 | 3995 PEARS | 3966 |
| Food additives permitted in feed and drinking water of animals or for the treatment of food- | Current status on chemical thinning of peaches | PEROSIS Specificity of the chick's requirement for |
| producing animals. Coumaphos. 4274 | and pears in Michigan. | choline. (Abstract). |
| Fish as observed hosts of Ascarids—their sig- nificance in regard to man's health. | This may be the year for spray thinning. | PEST CONTROL |
| 4275 | Supplement to the Plant Protection bulletin. 3923 | The use of attractants in pest control. 2. Sex attractants. 3848 |
| An attempt to eliminate the principal parasitic nematodes of dogs by using a new phosphoric | Comparative interactions of Erwinia carotovora and Erwinia amylovora with pear and potato tis- | Stretch your pest control dollars. |
| ester. 4277 | sues. | PESTICIDE APPLICATION |
| The anaemia of acute and chronic ovine fascioliasis. | Tolerances and exemptions from tolerances for | Controlling household pests. 3790 |
| 4280 | pesticide chemicals in or on raw agricultural commodities. Food additives. Phosalone. | New chemicals look good for weed control in |
| PARATEPHRITIS TRANSITORIA Paratephritis transitoria Rhod. (Diptera, | 4298 | Michigan orchards. 3994 |
| Tephritidae), a fly that forms galls on tassel flowers in the Maritime Territory. | Effect of seeded fruits and foliar-applied auxin on seedless fruit set of pear the following year. 4332 | The development of chemical weed control in ornamental plants in fields. |
| 3833 | PECANS | 4063 |
| PARATHION The San Jose scale a pest of ornamental shrubs. | Notice of filing of petition regarding pesticide chemicals. | What you should know about concentrate spraying. |
| 4033 Some remarks on plant protection preparation- | 4293 | 4342 PESTICIDE RESIDUES |
| tolerances. | PEMPHIGUS A contribution to the study of the pemphigose of | Some remarks on plant protection preparation- |
| PARENA PERFORATA | poplars and its pathogen Pamphigus spirothecae. 4035 | tolerances. 4292 |
| Description of the larva of Parena (Parena) perforata (Bates), with some notes on its life history | PENTACHLORONITROBENZENE Chemical control of stripe smut in Merion Ken- | Investigation to determine the respective residue amounts of DDT and its analogues in the milk |
| (Carabidae). | tucky bluegrass. | and back fat of selected dairy animals. |

PHENYLALANINE

The influence of high level of L-phenylalanine on chicks hatched from pullets fed same level of L-phenylalanine. (Abstract).

4246

The effects of a single massive dose of phenyl-hydrazine on different hematological traits of

PHENYLHYDRAZINE

chickens. (Abstract).

4347

Current status of methods for identifying pesticides, a survey. (JPRS 32,031)

The first maximum dosage regulation for plant protection preparations in the Federal Republic of Germany.

PESTICIDES

Controlling household pests.

3965

PHYLLACTINIA ANGULATA
The identity of Phyllactinia on winged elm in

Stability of taxonomic characters in cultures of Diplodia and related genera as influenced by various carbon sources. (Abstract).

Georgia.

PHYSALOSPORA

| 3790 | 4104 | PHYTATES |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Research into environmental pollution. | PHEROMONES Studies on sex pheromones of Pyralididae. | Effect of phytate on the apparent calcium requirements of chicks. (Abstract). |
| Some remarks on plant protection preparation- | Changes in the quality of the sex pheromone in | 4190 |
| tolerances. 4292 | the female almond moth, Cadra cautella Walker (Phycitinae). | PHYTOPATHOLOGY Phytopathological problems in Austria. 4021 |
| Emulsifiers for agricultural pesticides. Patent | The use of attractants in pest control. 2. Sex at- | PHYTOTOXICITY |
| 3,442,818. 4338 | tractants. | Prevention of the spread of non-persistent plant viruses by oil spraying. |
| Pesticidal uses of thiosubstituted phenols. Patent | Specificity of population-aggregating | 3963 |
| 3,443,012. | pheromones in Dendroctonus. | Phytotoxic alpha-halo-acetanilides. Patent 3,442,945. |
| The first maximum dosage regulation for plant protection preparations in the Federal Republic | Studies on sex pheromones of pyralididae. II. Mass rearing of virgin females of the almond | 4340 PIGEONPEAS |
| of Germany. | moth, Cadra cautella Walker (Phycitinae). | A new species on neotropical seed weevil affect- ing pigeon peas, with notes on two closely related |
| PETUNIA | PHOMA EXIGUA | species(Coleoptera: Bruchidae: Bruchinae). |
| Some observations on the shape and localization of different viruses in experimentally infected | Phoma exigua Desm. and its varieties. | 3756 |
| plants, and on the fine structure of the host cells. IV:ABABIS mosaic virus in Petunia hybrida | PHOSALONE 3945 | PIGMENTS (INSECT) Changes in insecticide sensitivity in the bean |
| Hort. | Tolerances and exemptions from tolerances for | weevil Acanthoscelides obtectus Say, brought |
| . 3959 | pesticide chemicals in or on raw agricultural | about by induced pigment formation. 3867 |
| PHAENICIA | commodities. Food additives. Phosalone. | PINOCYTOSIS |
| Fundamental properties of intensity, form, and motion perception in the visual nervous systems | PHOSPHATES 4298 | Pinocytosis during vitellogenesis in the meal- |
| of Calliphora, phaenicia and Musca domestica. | Factors affecting the oxidation of glycerol-1- | worm, Tenebrio molitor L. (Coleoptera, |
| 3849 | phosphate by insect flight-muscle mitochondria. | Tenebrionidae). |
| PHAENICIA SERICATA | 3815 | PINUS |
| Incorporation of palmitate-1-C14 into lipids of | PHOSPHONIC ACIDS | Occurrence of Cronartium comptoniae in the |
| the blowfly during flight. | Prosphanilic acid derivatives. Patent 3,442,938. | Maritime Provinces. |
| PHAGOCYTES | PHOSPHONOTHIOATES | PINUS BALFOURIANA 4018 |
| Phagocytic haemocytes in unfixed Galleria mel- | Controlling insects and other pests with | Lophodermium durilabrum found on foxtail pine |
| lonella larvae. | phosphonothioates. Patent 3,428,655. | in California. |
| PHANAEUS IGNEUS NIGROCYANEUS | 3850 | 3986 |
| Three new records of the genus Phanaeus from | PHOSPHORIC ACID ESTERS | PINUS PINASTER The attraction to Bissadas notatus (Col. Current |
| Georgia (Coleoptera: Scarabaeidae). | Two types of carboxyesterase degrading malathion in resistant houseflies and their inhibi- | The attraction to Pissodes notatus (Col. Curculionidae) of the wounds formed by Matsuococ- |
| 3748 | tion by synergists. | cus feytaudi Duc. (Hom. Coccoidea) on |
| PHANAEUS TORRENS NIGER | 3859 | maritime pine. |
| Three new records of the genus Phanaeus from Georgia (Coleoptera: Scarabaeidae). | PHOSPHORUS | PINUS SYLVESTRIS 4034 |
| 3748 | Controlling insects and other pests with phosphonothioates. Patent 3,428,655. | Elements for a study on the needle-cast fungus of |
| PHANAEUS VINDEX CYANELLUS | 3850 | scotch pine Lophodermium pinastri (Schrad.) |
| Three new records of the genus Phanaeus from | Are fertilizer programs related to fireblight and | Chev. Phenological study: fall of needles and development of hysterothecia. |
| Georgia (Coleoptera: Scarabaeidae). | fruit disorders at harvest. | 3979 |
| PHARMACOLOGY | 3933 | PINUS VIRGINIANA |
| Insects and physiology; essays presented to Sir | PHOSPHORUS COMPOUNDS Effects of tobacco mosaic virus on the | Virginia pine, a new host for Cronartium coman- |
| Vincent Wigglesworth, CBE, MD, FRS on his | phosphorus metabolism of Nicotiana xanthi n. c. | drae. 3993 |
| retirement from the Quick Chair of Biology and directorship of the Unit of Insect Physiology in | 4000 | PIPERAZINE PHOSPHATE |
| the University of Cambridge. | PHOSPHOTUNGISTIC ACID | Efficacy of several drugs for control of poultry |
| 3800 | Electron microscopy as an aid to the rapid identification of animal viruses. | nematodes. (Abstract). |
| The anabolic steroids and their use in veterinary therapeutics. | 4239 | PISSODES NOTATUS |
| 4099 | PHOTOPERIODISM | The attraction to Pissodes notatus (Col. Curcu- |
| PHENOLS | Photoperiodism in the honey bee, Apis mellifera | lionidae) of the wounds formed by Matsuococ- |
| Emulsifiers for agricultural pesticides. Patent | L. (Hymenoptera, Apidae). | cus feytaudi Duc. (Hom. Coccoidea) on maritime pine. |
| 3,442,818. 4338 | The influence of photoperiod and temperature | 4034 |
| PHENOXY ACID COMPOUNDS | on the induction of diapause in mulberry pyralid, | PITH |
| Defoliation effects on forest ecology. | Glyphodes pyloalis Walker. 3858 | The in vitro establishment of pith calluses and nodal tumors of Brassica oleracea. |
| 4062 | PHYCITIDAE | nodal tumors of Brassica oleracea. |
| Ragwort. 4073 | Studies on sex pheromones of Pyralididae. | PITRESSIN |
| Perennial bindweeds. | Changes in the quality of the sex pheromone in | The influence of feed and water restriction and |
| 4074 | the female almond moth, Cadra cautella Walker (Phycitinae). | pitressin administration upon thyroxine secretion in domestic fowl. |
| Defoliation effects on forest ecology. | (Fnychinae). 3841 | 4100 |
| 4080 | Studies on sex pheromones of pyralididae. II. | PLAGUE |
| Reduction of preharvest drop and water spot of | Mass rearing of virgin females of the almond | Duck virus enteritis (duck plague). Interstate |
| navel oranges in Southern California. 4331 | moth, Cadra cautella Walker (Phycitinae). | movement. 4110 |
| | 5000 | ***** |

PLANOCOCCUS CITRI

| PLANOCOCCUS CITRI Endomitosis in the mealy bug, Planococcus citri | Efficacy of fungicides, hot water and gamma-irradiation for control of postharvest fruit rots of | PLANT DISEASES Plant protection in the heart of Europe. Austria |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| (Homoptera: Coccoidea). | papaya. 3971 | contribution to the international fight again plant pests and diseases and, through this, to the |
| PLANT ANATOMY Virulence of various groups of loose smut of bar- | Fruit disease problems and new approaches to their controls. | improvement of the food situation. 391 |
| ley, (Ustilago nuda (Jens.) Rostr.) physiological races in the light of anatomical investigations of | PLANT DISEASE RESISTANCE | Microbes and chemicals against plant pests. |
| spring barley varieties different with regard to resistance. I. Spreading of pathogene in host plant | Crop rotation hygiene in grain cultures. 3912 | Stretch your pest control dollars. |
| tissue. | Are fertilizer programs related to fireblight and | The present state of research and of the control |
| PLANT BIOCHEMISTRY Biochemistry of plant immunity and dormancy as | fruit disorders at harvest . 3933 | of rice pests. |
| the foundation for the crop protection against diseases and germination. | Reaction of tomato varieties against Alternaria solani and Cladosporium fulvum. 3935 | The causes of disease in plant pathology. |
| 3985 | Resistance of dwarf-internode castor (Ricinus | The plant disease observatory of Milan. |
| Effect of Sclerospora graminicola infection on total nitrogen content and free amino acid composition of Bajra plants. | communis) to Verticillium wilt. | 394 Lodging resistance in wheat. II. Identification of |
| 3995 | Plant pathology field day. 3949 | superior genetic stocks. 397 |
| Herbicides in the perspectives of 20 months and 20 years. | Survey, screening, and breeding for bacterial | Disease and insect control in home orchards. |
| 4089 | blight resistance in cotton. | 398 Biochemistry of plant immunity and dormancy a |
| Harmlessness of herbicides for the biocenosis. In: Collection of reports geven at the International Herbicide Conference, Prague, June 21-24, | Fungus diseases of cotton seedlings in Egypt. | the foundation for the crop protection again diseases and germination. |
| 1966. | Lodging resistance in wheat. II. Identification of superior genetic stocks. | The in vitro establishment of pith calluses an |
| 4090 Gibberellin-induced asymmetric growth of apple | 3977 | nodal tumors of Brassica oleracea. |
| fruits. 4318 | Virulence of various groups of loose smut of bar- ley, (Ustilago nuda (Jens.) Rostr.) physiological races in the light of anatomical investigations of | 400 Phytopathological problems in Austria. 402 |
| Hormonal regulation in higher plants. 4319 | spring barley varieties different with regard to resistance. I. Spreading of pathogene in host plant | The rate of contamination in relation to the percentage of infection in the parasitic diseases of |
| Steroid alkaloids as compounds produced by potato tubers under stress. | tissue. | plants. |
| 4323 | A race of Ustilago tritici virulent on Thatcher | A contribution to the study of the pemphigose of |
| New antheridiogen from the fern Onoclea sensibilis. | wheat and its derivatives. | poplars and its pathogen Pamphigus spirothecae |
| 4325 Plant injury by air pollutants: Influence of hu- | Development of a new variety of tomato named Miguel pereira, with resistance to both Fusarium | Longidorus africanus a pathogen of head lettuc |
| midity on stomatal apertures and plant response | and Verticillium wilts. | in the Imperial Valley of southern California. 405 |
| to ozone. | Effects of early and late inoculation of maize | PLANT DORMANCY |
| Reduction of preharvest drop and water spot of navel oranges in Southern California. 4331 | dwarf mosaic virus strain A and B on shelled grain yields of susceptible and resistant maize segregates of a three-way hybrid. | Biochemistry of plant immunity and dormancy a the foundation for the crop protection agains diseases and germination. |
| Chemical regulators in horticulture. | 4001 | 398 |
| 4333 PLANT BREEDING | Wild species as a source of resistance to diseases. 4016 | PLANT EXTRACTS Problems around the incidence and control of |
| Virus diseases and the selection of grapes. | Susceptibility of coastal form and central Montana Douglas-fir to Arceuthobium douglasii. | Fusarium oxysporum in tulips. |
| Survey, screening, and breeding for bacterial blight resistance in cotton. | 4025 Breeding and propagation of virus-free grapes in hydroponic cultures. | Comparative interactions of Erwinia carotovor and Erwinia amylovora with pear and potato tis sues. |
| 3952 Breeding and propagation of virus-free grapes in | 4045 | PLANT GALLS |
| hydroponic cultures. 4045 | PLANT DISEASE TRANSMISSION Virus diseases and the selection of grapes. 3937 | Paratephritis transitoria Rhod. (Diptera Tephritidae), a fly that forms galls on tasse |
| PLANT CUTTINGS Losses from fusarium stem rot caused by Fusari- | The present state of grape culture virus research. | flowers in the Maritime Territory. 383. |
| um roscum, in production of cuttings of carnation, Dianthus caryophyllus. | A transmissible fruit-depression disease of McIn- | The in vitro establishment of pith calluses and nodal tumors of Brassica oleracea. |
| PLANT DISEASE CONTROL | tosh apples. 3991 | 400 |
| The plant protection import controls in Bavaria. 3918 | A new virus disease of Carica papaya in India. 4005 | Overwintering of Meloidogync incognita in southwestern Ontario. 404 |
| Plant protection. Bulletin of the plant disease control station of Geneva. February. | Spore dispersal by Scleroderris lagerbergii under nursery and plantation conditions. 4007 | PLANT GENETICS Electron microscope examination of ultra-thir |
| Plant protection. Bulletin of the plant disease | The tobacco mosaic virus (TMV) in the nutritive solution of the tomato hydroponous culture. | sections of Streptomyces viridochromogenes fo hyphal anastomoses. |
| control station of Geneva. August. | 4014 | The causes of disease in plant pathology. |
| Plant protection. Bulletin of the plant disease control station of Geneva. September. | Transmission of the virus component of the ragi (Eleusine coracana) disease-complex in Mysore, India. | 393 Lodging resistance in wheat. II. Identification o |
| 3932 | 4028 | superior genetic stocks. |
| Virus diseases and the selection of grapes. 3937 Problems around the incidence and control of | The rate of contamination in relation to the per- centage of infection in the parasitic diseases of | Wild species as a source of resistance to diseases 4010 |
| Fusarium oxysporum in tulips. | plants. 4029 | PLANT GEOGRAPHY |
| The present state of grape culture virus research. | Plant virus diseases in Turkey which are transmitted by insect vectors. 4036 | Biology of the fungus Aspergillus flavus Link and its infectivity to plants and animals. 3973 |
| 3940 | 4030 | 3313 |

| Field observations on effectiveness of maleic | ty of Pratylenchus penetrans. | Nine varieties of southern peas resistant to the |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| hydrazide applied to onions by helicopter. | 4046 | soybean cyst nematode. |
| Chemical regulators in horticulture. | Overwintering of Meloidogyne incognita in southwestern Ontario. | PLANT PHYSIOLOGICAL DISEASES |
| 4333 | 4047 | Diseases and parasites of the rose. |
| LANT HARDINESS How to prevent sun and heat damage to desert- | Nematodes associated with bananas in the Windward Islands. | PLANT PHYSIOLOGY |
| grown tomatoes. | 4048 | Electron microscope examination of ultra-thin |
| 3909 LANT HORMONES | Survival of the soybean cyst nematode in seed stocks. | sections of Streptomyces viridochromogenes fo hyphal anastomoses. |
| Distribution, importance and problems of herbi- | 4049 | 3910 |
| cide use in Yugoslavia. In: Collection of reports given at the International Herbicide Conference, | Nine varieties of southern peas resistant to the soybean cyst nematode. 4050 | Electrifying agriculture and horticulture. 392. |
| Prague, June 21-24, 1966. | Life cycle and reproduction of Meloidogyne | Some observations on the shape and localization of different viruses in experimentally infected |
| Hormonal regulation in higher plants. | hapla on potato. | plants, and on the fine structure of the host cells IV:ABABIS mosaic virus in Petunia hybrida |
| New antheridiogen from the fern Onoclea sensi- | Nematodes are destructive to your plants. | Hort. |
| bilis. 4325 | 4053 Longidorus africanus a pathogen of head lettuce | 3959 Virulence of various groups of loose smut of bar |
| Chemical regulators in horticulture. | in the Imperial Valley of southern California. | ley, (Ustilago nuda (Jens.) Rostr.) physiologica |
| 4333 | 4054 Nematodofauna of a mixed hornbeam-oak forest | races in the light of anatomical investigations o spring barley varieties different with regard to re |
| LANT INJURIES How to prevent sun and heat damage to desert- grown tomatoes. | soil and of the neighboring cultivated lands at Bab near Nitra. | sistance. 1. Spreading of pathogene in host plan tissue. |
| 3909 | 4055 | 3978 |
| Brown rot control in Southern California. | Golden nematode found in Delaware. 4056 | Elements for a study on the needle-cast fungus o scotch pine Lophodermium pinastri (Schrad.) |
| 4015 Buggy-whip of corn and its relation to the in- | Control of the citrus nematode, Tylenchulus | Chev. Phenological study: fall of needles and |
| cidence of common smut. | semipenetrans, with 1,2-dibromo-3- chloropropane in Taiwan. | development of hysterothecia. |
| The peach twig borer and its control. | 4057 | Breeding and propagation of virus-free grapes in |
| 4032 | Host resistance reflected in differential ne- | hydroponic cultures. 4045 |
| The attraction to Pissodes notatus (Col. Curcu- | matode population structures. 4058 | Chemical weed control problems in outdoor |
| lionidae) of the wounds formed by Matsuococcus feytaudi Duc. (Hom. Coccoidea) on | PLANT NUTRITION | vegetable growing. 4088 |
| maritime pine. | Are fertilizer programs related to fireblight and fruit disorders at harvest. | Gibberellin-induced asymmetric growth of apple |
| Plant injury by air pollutants: Influence of hu- | 3933 | fruits. 4318 |
| midity on stomatal apertures and plant response | Micronutrients: The secret of better yields for farmers. | Hormonal regulation in higher plants. |
| to ozone. | 3976 | 4319 |
| Chemical injury on Golden Delicious apples | The effects of increasing molybdenum rates on building of dry material of clover. | An unexpected effect of benomyl on two gladio- lus varieties. |
| treated with diphenylamine. | 4322 | 4321 |
| LANT METABOLISM | Stability of taxonomic characters in cultures of Diplodia and related genera as influenced by | Growth regulator survey for activity in inducing parthenocarpy in the highbush blueberry. |
| Biochemistry of plant immunity and dormancy as the foundation for the crop protection against | various carbon sources. (Abstract). | 4324 |
| diseases and germination. | PLANT NUTRITIONAL DEFICIENCIES | Chemical regulators in horticulture. 4333 |
| 3985 Effects of tobacco mosaic virus on the | Micronutrients: The secret of better yields for | PLANT PROTECTION |
| phosphorus metabolism of Nicotiana xanthi n. c. | farmers. | Plant protection in the heart of Europe. Austrias |
| 4000 LANT MORPHOLOGY | PLANT PEST CONTROL | contribution to the international fight against plant pests and diseases and, through this, to the |
| Morphological variation in the sugarcane smut, | Plant protection in the heart of Europe. Austrias contribution to the international fight against | improvement of the food situation. 3911 |
| Ustilago scitaminea Syd. | plant pests and diseases and, through this, to the | Crop rotation hygiene in grain cultures. |
| The influence of herbicides on the morphology | improvement of the food situation. 3911 | 3912 |
| of cereal cultures. In: Collection of reports given at the International Herbicide Conference, | Plant protection Annual Report 1967. | The training course of the European Plant Protection Organization in England. |
| Prague, June 21-24, 1966. | The present state of research and of the control | 3914 Plant prote tion Annual Report 1967. |
| LANT NEMATODE RESISTANCE | of rice pests. | 3915 |
| Host resistance reflected in differential nematode population structures. | The importance of applied entomology for Aus- | The plant protection import controls in Bavaria. 3918 |
| 4058 | trian plant protection. | Stretch your pest control dollars. |
| LANT NEMATODES Crop rotation hygiene in grain cultures. | Plant protection. Bulletin of the Plant Disease | 3922 |
| 3912 | Station of Geneva. March. | The importance of applied entomology for Austrian plant protection. |
| The plant protection import controls in Bavaria. | Plant protection. Bulletin of the Plant Disease | 3926 |
| The present state of research and of the control | Station of Geneva. June. | New ways for organizing the cooperation between plant protection services and apicul- |
| of rice pests. | Plant protection. Bulletin of the Plant Disease | turists. |
| 3924 Virus diseases and the selection of grapes. | Station of Geneva. October. 4012 | 3929 The plant disease observatory of Milan. |
| 3937 | Plant protection. Bulletin of the Plant Disease | 3940 |
| The present state of grape culture virus research. | Station of Geneva. April. 4013 | Avoid yellow dwarf virus by late sowing. 3981 |
| The rate of contamination in relation to the per- | Phytopathological problems in Austria. | Biochemistry of plant immunity and dormancy as |
| centage of infection in the parasitic diseases of | The appearance of heat aphids in 1066 | the foundation for the crop protection against |

PLANT QUARANTINE

| Plant protection. Bulletin of the Plant Disease Station of Geneva. March. | PLASTICS Foaming agents as ground cover against weeds. | Are fertilizer programs related to fireblight and fruit disorders at harvest. |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 4010 | 4078 | 3933 |
| Plant protection. Bulletin of the Plant Disease Station of Geneva. June. | POA ANNUA Chemical control of annual bluegrass as related | POTATO SEEDS Testing on dry fumigation of potato seedlings |
| 4011 | to vertical mowing. | against Rhizoctonia disease. 4023 |
| Plant protection. Bulletin of the Plant Disease Station of Geneva. October. | POA PRATENSIS | POTATOES |
| 4012 | Chemical control of stripe smut in Merion Ken- | Comparative interactions of Erwinia carotovora |
| Plant protection. Bulletin of the Plant Disease Station of Geneva. April. | tucky bluegrass. | and Ērwinia amylovora with pear and potato tissues. |
| 4013 | POISONING | 4008 |
| Domestic quarantine notices. Witchweed. Regulated areas. | Philippine field rats and their control. 4093 | Illustrative scales for the evaluation of potato scab and Rhizoctonia infection. |
| 4067 | Organic phosphate poisoning of sheep in Skull | 4024 |
| Control of Orobanche under natural and artifically infested conditions. | Valley, Utah. 4304 | Plant virus diseases in Turkey which are transmitted by insect vectors. |
| 4068 | Experimental studies on the ammonia poisoning | 4036 |
| Some remarks on plant protection preparation-tolerances. | of the goat. I. On the capacity to detoxicate ammonia entering through the portal blood. | Life cycle and reproduction of Meloidogyne hapla on potato. |
| 4292 | 4305 | 4052 |
| The first maximum dosage regulation for plant | Environmental nitrates and animal health. | Golden nematode found in Delaware. 4056 |
| protection preparations in the Federal Republic | Some recent aspects of veterinary toxicology: | Perennial bindweeds. |
| of Germany. | Attempted comparison with human toxicology. | 4074 |
| PLANT OUARANTINE | 4316 | Chemical weed control in potato (Solanum tu- |
| The plant protection import controls in Bavaria. | POISONOUS FUNGI | berosum L.). A review. |
| 3918 | British poisonous plants. 4308 | The effectiveness of the newer herbicides for the |
| Domestic quarantine notices. Witchweed. Regu- | POISONOUS PLANTS | control of weeds in cultivated plants with special |
| lated areas. | Ragwort. | attention to weeds which are difficult to control. |
| Foreign quarantine notices. Nursery stock, | 4073 | In: Collection of reports given at the Interna- tional Herbicide Conference, Prague, June 21- |
| plants, and seeds. Importation. | 22 plants poisonous to livestock in the Western | 24, 1966. |
| 4346 | United States. 4109 | 4081 |
| PLANT REGULATORS | Notes on toxicology: The clover. | Steroid alkaloids as compounds produced by |
| Gibberellin-induced asymmetric growth of apple fruits. | 4122 | potato tubers under stress. 4323 |
| 4318 | British poisonous plants. | POULTRY |
| Hormonal regulation in higher plants. | 4308 | Insects and mites of livestock and in farm |
| 4319 | Proceedings of the American College of Veteri- | buildings. |
| Growth regulator survey for activity in inducing | nary Toxicologists, 1967. | 3792 |
| parthenocarpy in the highbush blueberry. 4324 | POISONS | Enumeration of bacteria on poultry carcass skin. (Abstract). |
| Effect of seeded fruits and foliar-applied auxin | Weeds mean waste Know your weeds and how to | 4094 |
| on seedless fruit set of pear the following year. | control them. | Abstracts of papers presented at the 57th Annual |
| 4332 | Current status of methods for identifying pesti- | Meeting of the Poultry Science Association. 4102 |
| Chemical regulators in horticulture. | cides, a survey. (JPRS 32,031) | Serological typing of mycobacteria for tracing |
| PLANT TAXONOMY | 4303 | possible sources of avian mycobacterial infec- |
| Stability of taxonomic characters in cultures of | POLLINATION Effect of seeded fruits and foliar-applied auxin | tions in man. |
| Diplodia and related genera as influenced by | on seedless fruit set of pear the following year. | Efficacy of several drugs for control of poultry |
| various carbon sources. (Abstract). | 4332 | nematodes. (Abstract). |
| PLANTATIONS | POLYGONUM CONVOLVULUS | 4272 |
| Spore dispersal by Scleroderris lagerbergii under | Perennial bindweeds. 4074 | POULTRY DISEASES |
| nursery and plantation conditions. | POLYMORPHISM | Hemagglutinins induced in chickens with Mycoplasma gallisepticum infection. (Abstract). |
| 4007 | Hereditary nature of the two forms of Argyro- | 4108 |
| PLANTING Avoid yellow dwarf virus by late sowing. | gramma albostriata (Bremer and Grey) (Noc- | Duck virus enteritis (duck plague). Interstate |
| 3981 | tuidae, Plusiinae). | movement. |
| PLANTS | POLYPLOIDY | Inherited resistance to sulfaquinoxaline toxicity |
| Soil fumigation at Boskoop. | The influence of the genotype on the frequency | in the chicken. (Abstract). |
| Pagulating the chipment of living pasts | of radiation-induced aneuploidy in the oogenesis of Drosophila melanogaster. | 4111 |
| Regulating the shipment of living pests, pathogens and vectors. | 3897 | Intestinal histology of vitamin A deficient chicks. (Abstract). |
| 4345 | POPULATION | (Abstract). |
| Foreign quarantine notices. Nursery stock, | The entomology of the Isle of Rhum National Nature Reserve. | Newcastle disease virus. Characteristics of a |
| plants, and seeds. Importation. | Nature Reserve. | strain (2425) isolated in Cordoba, Argentina in 1961. II. Comparative study of immunologic |
| PLASMA MEMBRANE | Host resistance reflected in differential ne- | relationships and cellular affinities. |
| Effect of dietary lipids upon the lipase, pan- | matode population structures. | 4116 |
| creatic cholesterol esterase, plasma triglyceride | 4058 | Comparison of attenuated live Pasteurella mul- |
| and total plasma lipids level in the chick. (Abstract). | Hygiene and animal diseases in Deux-Sevres (region of Coulonges-sur-l'Autize). | tocida given in drinking water to an oil-base bacterin administered to turkeys. (Abstract). |
| 4261 | 4141 | 4117 |
| PLASMODIUM | POPULUS | Experimental control Mycoplasma meleagridis |
| Comparative studies of the development of Plasmodium cynomolgi bastianellii in Anopheles | A contribution to the study of the pemphigose of | in turkeys by the temperature differential dipping of eggs in tylosin and spiramycin. (Ab- |
| stephensi and A. albimanus. | poplars and its pathogen Pamphigus spirothecae. 4035 | stract). |
| 3860 | POTASSIUM | 4118 |
| Heterologous immunity in avian hosts infected | Changes in insecticide sensitivity in the bean | Penetration and development of Eimeria maxima sporozoites and the static effect of decoquinate. |
| with Plasmodium relictum and Plasmodium lophurae. | weevil Acanthoscelides obtectus Say, brought about by induced pigment formation. | (Abstract). |
| | | 4120 |

| The pathology of avian osteodystrophy. (Abstract). |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notice of filing of petition for food additives. |
| Factors related to immunity of chickens to coccidiosis. (Abstract). |
| Studies on acute Marek's disease. 9. Resistance to MD by inoculation with the GA isolate. |
| Proteins before and after inoculation with RSV. (Abstract). |
| Epizootiology of influenza in turkeys. (Abstract). |
| The efficacy of trans and cis vitamin A. (Abstract). |
| Relationship of biotin to leg weakness in turkeys. (Abstract). 4161 |
| Activity of decoquinate against field strains of chicken coccidia. (Abstract). |
| Floor pen evaluations of the anticoccidial effects of decoquinate on single and mixed species of chicken coccidia. (Abstract). |
| Pathogenesis of infectious synovitis in gnotobiotic chickens. (Abstract). |
| Control of Mycoplasma meleagridis infection in turkeys. (Abstract). |
| Nicarbazin. Drugs for veterinary use; drug efficacy study implementation. |
| Safety and compatability of sulfadimethoxine potentiated mixture (Ro 5-0013), a new broad spectrum coccidiostat-antibacterial, in chickens. (Abstract). |
| The linoleic acid requirement of the hen for reproduction. (Abstract). |
| Anticoccidial activity of sulfadimethoxine potentiated mixture (Ro 5-0013) in chickens. |
| Antibacterial activity of sulfadimethoxine potentiated mixture (Ro 5-0013). (Abstract). |
| The use of serologic methods for the control of Mycoplasma meleagridis in turkeys. (Abstract). 4198 |
| Epidemiological analysis of disease reports of the Southern Conference on Avian Diseases. (Abstract). |
| 4201 Dietary amino acids and muscular dystrophy. (Abstract). |
| 4203 Amino acids Versus protein in low protein cage- |
| layer diets. abstract). |
| 4206 |

Observations on the effect of the re-use of broiler litter on the incidence of Marek's disease. (Ab-

The infectious bursal agent and pathology of the

Investigation of some enzymatic activities (GOT,

GPT, aldolase, LDH, LDP, SDH) in the liquid amnio-allantoids of healthy chick embryos or

The interaction of a nonpathogenic Mycoplasma sp. (TU) with Mycoplasma gallisepticum, and Newcastle disease virus in the avian respiratory

4133

those infected with newcastle disease virus.

stract).

disease. (Abstract).

tract. (Abstract).

| Amino acids and isonitrogenous turkey starter diets. (Abstract). | mildew. II. A differentiated susceptibility of winter wheat zelazna variety to infection with |
|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| The effect of added energy on induced | powdery mildew (Erysiphe graminis F. tritici DC March). |
| Mycoplasma gallisepticum infection in broilers. | 4009 |
| (Abstract). 4212 | PRATYLENCHUS PENETRANS Influence of six cover crops on population density of Pratylenchus penetrans. |
| Field significance of Mycoplasma meleagridis infection. (Abstract). | 4046 |
| 4214 | PREDACEOUS INSECTS |
| Bacterial contamination and performance of leghorn breeders on sloping wire Versus litter floors. (Abstract). | Studies on the insect fauna on Scotch broom Sarothamnus scoparius (L.) Wimmer. |
| 4216 | |
| Buquinolate-A review. | Mortality of mature beetles lps typographus (L.) (Col., Scolytidae) in the galleries and its causes. 3799 |
| | |
| Specificity of the chick's requirement for choline. (Abstract). 4221 | Natural enemies of Laspeyresia pomonella L. (Lepidoptera, Tortricidae) and the effect of chemical treatment on their useful activity. |
| | 3819 |
| Fumigation and reuse of broiler litter. (Abstract). | Description of the larva of Parena (Parena) per- |
| | forata (Bates), with some notes on its life history |
| Shell quality effect on Salmonella penetration. (Abstract). | (Carabidae). |
| 4225 | The oleander scale, Pseudaulacaspis pentagona |
| Egg transmission studies of Type II leukosis infection (Marek's disease). | (Targ.), (Homoptera, Coccidae) in Bermuda. 4043 |
| 4230 | PREGNANCY |
| The levels of Type II infection (Marek's disease) in 8-week-old chickens processed at dressing | Ovarian cysts in cattle and its therapy with Gestafortin and prolan preparations. |
| plants. (Abstract). | 4186 |
| 4231 Effect of an iodophor on shelf life of poultry. | PROCESSING Process for the production of substituted |
| (Abstract). | triazines. Patent 3,428,636. |
| Avian virus-induced tumors. | PRODUCTIVITY |
| 4242 | Sulfur amino acid requirement of laying hens. |
| Therapeutic efficacy of ronidazole in water against histomoniasis and effect of continuous | (Abstract). |
| feed levels on growth in turkeys. (Abstract). | Effect of nitrofurazone and furazolidone on reproduction in chickens. |
| | 4169 |
| Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). | Influence on egg quantity and quality with |
| 4247 | sorghum grain diets supplemented with corn oil and/or furazolidone. (Abstract). |
| Effect of prolonged infection by intestinal coccidia upon zinc-65 and oleic acid absorption in | 4223 |
| broilers. (Abstract). | PROLAN |
| 4250 | Ovarian cysts in cattle and its therapy with |
| Mid small intestinal parasitism and absorption of amino acids and protein. (Abstract). | Gestafortin and prolan preparations. 4186 |
| 4251 | PROMETRYNE |
| Role of the cuticle in egg spoilage. (Abstract). | The lasting influence of triazines and the effect of herbicide mixtures in the treatment of corn. |
| | In: Collection of reports given at the Interna- |
| Hematology of an inherited anemia in the domestic fowl. | tional Herbicide Conference, Prague, June 21-24, 1966. |
| 4256 | 4064 |
| Effect of environmental temperature on iron deficiency anemia in Athens-Canadian random- | New herbicides for controlling weeds in upland rice. |
| bred chicks. 4257 | 4076 |
| | Distribution, importance and problems of herbi- |
| Persistance of Mycoplasma meleagridis in the genitalia of experimentally infected turkeys. (Abstract). | cide use in Yugoslavia. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966. |
| | 4083 |
| Effect of spectinomycin on experimentally induced Arizona group infection in turkeys. (Abstract). | Chemical control of weeds in the Hungarian vineyards. In: collection of reports given at the International Herbicide Conference, Prague, |
| A study of carcasses condemned for skin leuko- | June 21-24, 1966. |
| | |

Description of the larva of Parena (Parena) perforata (Bates), with some notes on its life history (Carabidae). The oleander scale, Pseudaulacaspis pentagona (Targ.), (Homoptera, Coccidae) in Bermuda. 4043 REGNANCY Ovarian cysts in cattle and its therapy with Gestafortin and prolan preparations. 4186 ROCESSING Process for the production of substituted triazines. Patent 3,428,636. 4337 RODUCTIVITY Sulfur amino acid requirement of laying hens. (Abstract). Effect of nitrofurazone and furazolidone on reproduction in chickens. Influence on egg quantity and quality with sorghum grain diets supplemented with corn oil and/or furazolidone. (Abstract). Ovarian cysts in cattle and its therapy with Gestafortin and prolan preparations. 4186 The lasting influence of triazines and the effect of herbicide mixtures in the treatment of corn. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966. New herbicides for controlling weeds in upland rice. Distribution, importance and problems of herbicide use in Yugoslavia. In: Collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966. Chemical control of weeds in the Hungarian vineyards. In: collection of reports given at the International Herbicide Conference, Prague, June 21-24, 1966.

Chemical weed control in sunflower cultures. In:

Collection of reports given at the International

Herbicide Conference, Prague, June 21-24,

The influence of herbicides on the morphology

of cereal cultures. In: Collection of reports given at the International Herbicide Conference,

New herbicides for controlling weeds in upland

4076

Prague, June 21-24, 1966.

PROPANIL

Salmonella organisms in poultry feeds. (Ab-

The identity of Phyllactinia on winged elm in

Resistance to benomyl in powdery mildew of cu-

The effect of low doses of gamma irradiation upon the rate of infection of plants with powdery

4284

3965

sis. (Abstract).

POWDERY MILDEW

stract).

curbits.

PROTAMONE

| PROTAMONE Influence of protamone on bone fragility of caged hens. (Abstract). | PSEUDOTSUGA MENZIESII Susceptibility of coastal form and central Montana Douglas-fir to Arceuthobium douglasii. | QUERCUS The alternate generation of Callirhytis quercus- suttonii (Bassett)(Hymenoptera: Cynipoidea). |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 4103 | 4025 | 4038 |
| PROTEINS Changes in soluble proteins during foot-pad development in Sarcophaga bullata. | PTERIDIUM AQUILINUM New antheridiogen from the fern Onoclea sensibilis. | QUERCUS STELLATA Spraying post oak brush pays dividends. 4084 |
| The relation of protein level of alfalfa meals to | PTESIMOGASTER GUNDLACHII | QUERCUS VIRGINIANA Live oak in Mississippi infected by Endothia |
| their vitamin K activity. (Abstract). | On the status of Cresson's Stenophasmus species from Cuba (Hymenoptera: Braconidae: Doryctinae). | parasitica. 3992 RABBITS |
| Effect of energy-protein balance, energy intake and methionine on growth and body composition of ducklings. (Abstract). | 3759 PUBLIC HEALTH The first maximum dosage regulation for plant | Hemagglutination inhibiting antibodies to arboviruses in the population of Hajdu-Bihar District, Hungary. |
| The amino acid deficiencies of blood meal for the chick. | protection preparations in the Federal Republic of Germany. | 4167 Lymphoepithelial tissues of the intestine and dif- |
| Proteins before and after inoculation with RSV. (Abstract). | PUCCINIA CORONATA Crown rust of oats in Canada in 1968. | ferentiation of antibody production. 4213 RADIATION |
| 4153 Amino acids Versus protein in low protein cage- | PUCCINIA GRAMINIS Stem rust of wheat in Canterbury. | The influence of the genotype on the frequency of radiation-induced aneuploidy in the oogenesis of Drosophila melanogaster. |
| layer diets. abstract). 4206 Cobalt and vitamin C for chicks. (Abstract). | PUCCINIA RECONDITA | 3897 Ticks of the National Reactor Testing Station. |
| 4210 Cottonseed meal, lysine, and methionine for | Leaf rust of wheat in Canada in 1968. | RADIOACTIVE TRACERS |
| layers. (Abstract). | PUPAE Changes in soluble proteins during foot-pad development in Sarcophaga bullata. | New data on accumulation of S35 and Ru106 by dragonfly nymphs (Odonata). 3820 |
| Lysine requirement of the growing chick. (Abstract). | 3821 A description of the developmental stages of | Incorporation of palmitate-I-CI4 into lipids of the blowfly during flight. |
| 4233 Optimum destruction of rachitogenic activity of | Ctenophora guttata Wied. and a review of the Czechoslovak species of the genus Ctenophora | RADIOACTIVITY 3892 |
| C-1 protein. (Abstract). | (Dipt., Tipulidae). 3847 PUTO | Origin of oxalic acid in Ca oxalate crystals in the malpighian tubes of the tent caterpillar, Malacosoma neustria testacea. |
| Mid small intestinal parasitism and absorption of amino acids and protein. (Abstract). 4251 | Meiosis in the male of Puto albicans (Coccoidea- Homoptera). | 3881 The influence of feed and water restriction and |
| PROTOZOA | 3894 | pitressin administration upon thyroxine secretion |
| Mortality of mature beetles Ips typographus (L.) (Col., Scolytidae) in the galleries and its causes. | PYRALIDAE Studies on sex pheromones of Pyralididae. | in domestic fowl. |
| The natural occurrence of surra in the African longhaired fox. | Changes in the quality of the sex pheromone in the female almond moth, Cadra cautella Walker (Phycitinae). | Mid small intestinal parasitism and absorption of amino acids and protein. (Abstract). 4251 |
| 4236 | 3841 | RAGIMILLET |
| PRUNING Disease and insect control in home orchards. 3983 | The influence of photoperiod and temperature on the induction of diapause in mulberry pyralid, Glyphodes pyloalis Walker. 3858 | Transmission of the virus component of the ragi (Eleusine coracana) disease-complex in Mysore, India. |
| PSEUDALETIA UNIPUNCTA Record of the moth ear mite, Dicrocheles | Studies on sex pheromones of pyralididae. II. Mass rearing of virgin females of the almond | RAINFALL Some observations on the late occurrence of |
| phalaenodectes, in Ohio (Acarina: Mesostigmata). | moth, Cadra cautella Walker (Phycitinae). | Peronospora on grapes in the period 1964-1966. |
| 3865 | PYRAMIN | Spore dispersal by Scleroderris lagerbergii under |
| PSEUDAULACASPIS PENTAGONA The oleander scale, Pseudaulacaspis pentagona (Targ.), (Homoptera, Coccidae) in Bermuda. | Further test of the control of Avena fatua in sugar beets. | nursery and plantation conditions. |
| 4043 | PYRETHRUM | RAMS Ovine genital brucellosis. Epididmytis of the ram |
| PSEUDOCOCCIDAE A new species of Antonina Signoret from South Dakota with new records for A. boutelouae Par- | Studies on the increment of the efficacy of insecticides (IX). On the synergistic action of | (Brucella ovis). The utilization of a new antigen for the complement fixation test and intradermal |
| rott (Homoptera: Coccoidea: Pseudococcidae). | pyrethrosin with pyrethroid. 3826 PYRIMIDINES | reaction. 4126 RANGES |
| PSEUDOMONAS The tobacco mosaic virus (TMV) in the nutritive solution of the tomato hydroponous culture. | Safety and compatability of sulfadimethoxine potentiated mixture (Ro 5-0013), a new broad spectrum coccidiostat-antibacterial, in chickens. | Tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultural commodities. Dicamba. |
| PSEUDOMONAS AERUGINOSA | (Abstract). | RAPE |
| Role of the cuticle in egg spoilage. (Abstract). 4253 PSEUDOMONAS PHASEOLICOLA | PYRRHOCORIS APTERUS An autosomal recessive gene in Pyrrhocoris. 3903 | Community studies on Hymenoptera found on Brassica napus L. Part III. Braconidae and Aphidiidae. |
| Identification of races of Pseudomonas phaseolicola from Quebec bean fields. | PYTHIUM ULTIMUM Fungus diseases of cotton seedlings in Egypt. | RASPBERRIES Parabarry moth |
| PSEUDOMONAS SYRINGAE Regular manus president in faction of great charges | QUANTITATIVE ANALYSIS Current status of methods for identifying pesti- | Raspberry moth. 4039 |
| Pseudomonas syringae infection of sweet cherry fruit in Utah. | cides, a survey. (JPRS 32,031) 4303 | Philippine field rats and their control. 4093 |
| PSEUDORABIES VIRUS | QUARANTINE | Spontaneous tumors of the brain in rats: A report |
| Studies on several strains of pseudorabies (Au- jeszky) virus showing different virulence by | Mexican fruit containment. 3879 | of 3 cases. |
| means of the immuno- and acridine orange fluorescence. | Regulating the shipment of living pests, pathogens and vectors. | Spontaneous tumors in Holtzman-source rats of various ages. |

| Epizootics of trichinosis in pigs and its relation with antisrat procedures using warfarin. | Estrogenic activity of o,p'-DDT in the mam- malian uterus and avian oviduct. | RHIZOCTONIA Stem and root diseases of beans. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4227 | 4095 | 3941 |
| Trichinella spiralis infection in Rattus norvegicus from the municipal abattoir of Santiago, Chile. | The effects of reserpine on the reproductive per- formance of breeder turkeys receiving artificial | Tests on dry fumigation of potato seedlings against Rhizoctonia disease. |
| 4228 | insemination. | 4023 |
| ED CLOVER Host resistance reflected in differential ne- | 4106 Emtryl and antibiotics for turkey breeders. (Ab- | Illustrative scales for the evaluation of potato scab and Rhizoctonia infection. |
| matode population structures. | stract). | 4024 |
| 4058 | 4112 | RHIZOCTONIA GOSSYPII |
| ED WATER DISEASE Inherited resistance to sulfaquinoxaline toxicity in the chicken (Abstract) | Reproductive abnormalities in hens deficient in linoleic acid. (Abstract). 4123 | Fungus diseases of cotton seedlings in Egypt. |
| in the chicken. (Abstract). | Effect of nitrofurazone and furazolidone on | RHIZOSPHERE Nematodes associated with bananas in the Wind- |
| EGENERATION | reproduction in chickens. | ward Islands. |
| On ocular regeneration in Lithobius forficatus L. | 4169 | 4048 |
| (Myriopoda Chilopoda). | The linoleic acid requirement of the hen for | RHODNIUS PROLIXUS |
| EGULATIONS 3832 | reproduction. (Abstract). | Study of the morphogenesis of the maxillary stylet of Rhodnius prolixus by transplantations of |
| Food additives permitted in the feed and drink- | REPRODUCTIVE ORGANS | incomplete stylogenetic organs. |
| ing water of animals or for the treatment of food- producing animals. Food additives permitted in | Changes in gonads and primary sexual characters | 3862 |
| food for human consumption. Buquinolate. | in triploid intersexes of Drosophila melanogaster (Diptera) exposed to the effect of different tem- | RHOPALOCERA Phylogenetic relationships within the |
| 4098 | peratures. | Phylogenetic relationships within the Rhopalocera on the basis of the functional |
| Duck virus enteritis (duck plague). Interstate | 3842 | morphology of the genital apparatus. |
| movement. | Phylogenetic relationships within the | 3878 |
| 4110 | Rhopalocera on the basis of the functional | RHOPALOSIPHUM PADI |
| Notice of filing of petition for food additive diethylstilbestrol. | morphology of the genital apparatus. 3878 | Insecticide granules and virus in autumn-sown wheat. |
| 4142 | Persistance of Mycoplasma meleagridis in the | 4041 |
| Notice of filing of petition for food additives. 4143 | genitalia of experimentally infected turkeys. (Abstract). | RIBONUCLEIC ACID Isolation and characterization of ribonucleic acid |
| Notice of filing of petition for food additive | PECEA DON | from Musca domestica (L.). |
| nitrodan. | The present state of research and of the control | RICE |
| Embryostat (oxytetracycline powder). Drugs for | of rice pests. | Study on attractant of the rice stem borer, Chilo |
| veterinary use, drug efficacy study implementa- | 3924 | suppressalis Walker. |
| tion. | The present state of grape culture virus research. | 3835 |
| 4173 | 3948 | The present state of research and of the control of rice pests. |
| Nicarbazin. Drugs for veterinary use; drug effica- | Studies on weed control in groundnut (Arachis hypoceae) - a review. | 3924 |
| cy study implementation. | 4082 | Occurrence of Ephelis on rice variety IR-8 and |
| Irradiated food: FDA blocks AEC, Army | RESERPINE | cotton grass in India. |
| requests for approval. | The effects of reserpine on the reproductive per- | 4020 |
| 4286 | formance of breeder turkeys receiving artificial | Bloodwormspests of rice. |
| | | |
| Experiences with residue research in lettuce. | insemination. | 4037 |
| 4291 | 4106 | Further research on the control of Echinochloa |
| Regulating the shipment of living pests, | RESIDUES 4106 | Further research on the control of Echinochloa in rice fields. |
| Regulating the shipment of living pests, pathogens and vectors. | 4106 | Further research on the control of Echinochloa in rice fields. 4060 |
| Regulating the shipment of living pests, pathogens and vectors. 4291 4345 | RESIDUES Experiences with residue research in lettuce. | Further research on the control of Echinochloa in rice fields. |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spira- | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland |
| Regulating the shipment of living pests, pathogens and vectors. 4291 4345 | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS |
| Regulating the shipment of living pests, pathogens and vectors. Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of |
| Regulating the shipment of living pests, pathogens and vectors. Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. 3915 | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. 3915 The plant disease observatory of Milan. | RESIDUES Experiences with residue research in lettuce. 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). |
| Regulating the shipment of living pests, pathogens and vectors. Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. 3915 The plant disease observatory of Milan. 3940 | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. The plant disease observatory of Milan. 3940 Abstracts of papers presented at the 57th Annual | RESIDUES Experiences with residue research in lettuce. 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 |
| Regulating the shipment of living pests, pathogens and vectors. Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. 3915 The plant disease observatory of Milan. 3940 | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 Investigations on hydrangea ring spot virus and |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. The plant disease observatory of Milan. Abstracts of papers presented at the 57th Annual Meeting of the Poultry Science Association. | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 Investigations on hydrangea ring spot virus and proof of its presence in Italy. |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. 3915 The plant disease observatory of Milan. Abstracts of papers presented at the 57th Annual Meeting of the Poultry Science Association. 4102 Epidemiological analysis of disease reports of the Southern Conference on Avian Diseases. (Ab- | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYNCYTIAL VIRUS Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 Investigations on hydrangea ring spot virus and proof of its presence in Italy. |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. The plant disease observatory of Milan. 3940 Abstracts of papers presented at the 57th Annual Meeting of the Poultry Science Association. 4102 Epidemiological analysis of disease reports of the Southern Conference on Avian Diseases. (Abstract). | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYNCYTIAL VIRUS Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 Investigations on hydrangea ring spot virus and proof of its presence in Italy. 3942 RINGWORM |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. The plant disease observatory of Milan. 43940 Abstracts of papers presented at the 57th Annual Meeting of the Poultry Science Association. 4102 Epidemiological analysis of disease reports of the Southern Conference on Avian Diseases. (Abstract). | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYNCYTIAL VIRUS Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYSTEM | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 Investigations on hydrangea ring spot virus and proof of its presence in Italy. 394:2 RINGWORM Latent skin fungus infections in animals and their importance for the epidemiology of animal an 1 |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. The plant disease observatory of Milan. 3940 Abstracts of papers presented at the 57th Annual Meeting of the Poultry Science Association. 4102 Epidemiological analysis of disease reports of the Southern Conference on Avian Diseases. (Abstract). 4201 EPRODUCTION | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYNCYTIAL VIRUS Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYSTEM The interaction of a nonpathogenic Mycoplasma | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 Investigations on hydrangea ring spot virus and proof of its presence in Italy. 394.2 RINGWORM Latent skin fungus infections in animals and their importance for the epidemiology of animal an 1 human dermatomycoses. |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. The plant disease observatory of Milan. 43940 Abstracts of papers presented at the 57th Annual Meeting of the Poultry Science Association. 4102 Epidemiological analysis of disease reports of the Southern Conference on Avian Diseases. (Abstract). | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYNCYTIAL VIRUS Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYSTEM | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 Investigations on hydrangea ring spot virus and proof of its presence in Italy. 394.2 RINGWORM Latent skin fungus infections in animals and their importance for the epidemiology of animal an I human dermatomycoses. |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. The plant disease observatory of Milan. 3940 Abstracts of papers presented at the 57th Annual Meeting of the Poultry Science Association. 4102 Epidemiological analysis of disease reports of the Southern Conference on Avian Diseases. (Abstract). 4201 EPRODUCTION Insects and physiology; essays presented to Sir Vincent Wigglesworth, CBE, MD, FRS on his retirement from the Quick Chair of Biology and | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYNCYTIAL VIRUS Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYSTEM The interaction of a nonpathogenic Mycoplasma sp. (TU) with Mycoplasma gallisepticum, and Newcastle disease virus in the avian respiratory tract. (Abstract). | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 Investigations on hydrangea ring spot virus and proof of its presence in Italy. 3942 RINGWORM Latent skin fungus infections in animals and their importance for the epidemiology of animal an 1 human dermatomycoses. 4119 RODENT CONTROL |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. The plant disease observatory of Milan. Abstracts of papers presented at the 57th Annual Meeting of the Poultry Science Association. 4102 Epidemiological analysis of disease reports of the Southern Conference on Avian Diseases. (Abstract). 4201 EPRODUCTION Insects and physiology; essays presented to Sir Vincent Wigglesworth, CBE, MD, FRS on his retirement from the Quick Chair of Biology and directorship of the Unit of Insect Physiology in | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYNCYTIAL VIRUS Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYSTEM The interaction of a nonpathogenic Mycoplasma sp. (TU) with Mycoplasma gallisepticum, and Newcastle disease virus in the avian respiratory tract. (Abstract). | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 Investigations on hydrangea ring spot virus and proof of its presence in Italy. 394.2 RINGWORM Latent skin fungus infections in animals and their importance for the epidemiology of animal and human dermatomycoses. 4119 RODENT CONTROL Epizootics of trichinosis in pigs and its relation |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. 3915 The plant disease observatory of Milan. Abstracts of papers presented at the 57th Annual Meeting of the Poultry Science Association. 4102 Epidemiological analysis of disease reports of the Southern Conference on Avian Diseases. (Abstract). 4201 EPRODUCTION Insects and physiology; essays presented to Sir Vincent Wigglesworth, CBE, MD, FRS on his retirement from the Quick Chair of Biology and directorship of the Unit of Insect Physiology in the University of Cambridge. | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYNCYTIAL VIRUS Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYSTEM The interaction of a nonpathogenic Mycoplasma sp. (TU) with Mycoplasma gallisepticum, and Newcastle disease virus in the avian respiratory tract. (Abstract). | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 Investigations on hydrangea ring spot virus and proof of its presence in Italy. 3942 RINGWORM Latent skin fungus infections in animals and their importance for the epidemiology of animal an 1 human dermatomycoses. 4119 RODENT CONTROL |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. 3915 The plant disease observatory of Milan. Abstracts of papers presented at the 57th Annual Meeting of the Poultry Science Association. 4102 Epidemiological analysis of disease reports of the Southern Conference on Avian Diseases. (Abstract). 4201 EPRODUCTION Insects and physiology; essays presented to Sir Vincent Wigglesworth, CBE, MD, FRS on his retirement from the Quick Chair of Biology and directorship of the Unit of Insect Physiology in the University of Cambridge. 3800 | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYNCYTIAL VIRUS Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYSTEM The interaction of a nonpathogenic Mycoplasma sp. (TU) with Mycoplasma gallisepticum, and Newcastle disease virus in the avian respiratory tract. (Abstract). 4134 RETINA Vitamin A deficiency: Effect on retinal structure | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 Investigations on hydrangea ring spot virus and proof of its presence in Italy. 3942 RINGWORM Latent skin fungus infections in animals and their importance for the epidemiology of animal and human dermatomycoses. 4119 RODENT CONTROL Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 42:7 |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. 3915 The plant disease observatory of Milan. Abstracts of papers presented at the 57th Annual Meeting of the Poultry Science Association. 4102 Epidemiological analysis of disease reports of the Southern Conference on Avian Diseases. (Abstract). 4201 EPRODUCTION Insects and physiology; essays presented to Sir Vincent Wigglesworth, CBE, MD, FRS on his retirement from the Quick Chair of Biology and directorship of the Unit of Insect Physiology in the University of Cambridge. 3800 The effect of essential amino acid deficiency on | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYNCYTIAL VIRUS Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYSTEM The interaction of a nonpathogenic Mycoplasma sp. (TU) with Mycoplasma gallisepticum, and Newcastle disease virus in the avian respiratory tract. (Abstract). | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 Investigations on hydrangea ring spot virus and proof of its presence in Italy. 3942 RINGWORM Latent skin fungus infections in animals and their importance for the epidemiology of animal and human dermatomycoses. 4119 RODENT CONTROL Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 42:7 RODENTS Controlling household pests. |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. The plant disease observatory of Milan. Abstracts of papers presented at the 57th Annual Meeting of the Poultry Science Association. 4102 Epidemiological analysis of disease reports of the Southern Conference on Avian Diseases. (Abstract). 4201 EPRODUCTION Insects and physiology; essays presented to Sir Vincent Wigglesworth, CBE, MD, FRS on his retirement from the Quick Chair of Biology and directorship of the Unit of Insect Physiology in the University of Cambridge. 3800 The effect of essential amino acid deficiency on the sex-specific accumulation of a blood protein in female house-flies (Musca domestica L.). | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYNCYTIAL VIRUS Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYSTEM The interaction of a nonpathogenic Mycoplasma sp. (TU) with Mycoplasma gallisepticum, and Newcastle disease virus in the avian respiratory tract. (Abstract). 4134 RETINA Vitamin A deficiency: Effect on retinal structure of the moth, Manduca sexta. | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 Investigations on hydrangea ring spot virus and proof of its presence in Italy. 3942 RINGWORM Latent skin fungus infections in animals and their importance for the epidemiology of animal and human dermatomycoses. 4119 RODENT CONTROL Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 42 :7 RODENTS Controlling household pests. |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. The plant disease observatory of Milan. Abstracts of papers presented at the 57th Annual Meeting of the Poultry Science Association. 4102 Epidemiological analysis of disease reports of the Southern Conference on Avian Diseases. (Abstract). 4201 EPRODUCTION Insects and physiology; essays presented to Sir Vincent Wigglesworth, CBE, MD, FRS on his retirement from the Quick Chair of Biology and directorship of the Unit of Insect Physiology in the University of Cambridge. 3800 The effect of essential amino acid deficiency on the sex-specific accumulation of a blood protein in female house-flies (Musca domestica L.). | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYNCYTIAL VIRUS Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYSTEM The interaction of a nonpathogenic Mycoplasma sp. (TU) with Mycoplasma gallisepticum, and Newcastle disease virus in the avian respiratory tract. (Abstract). 4134 RETINA Vitamin A deficiency: Effect on retinal structure of the moth, Manduca sexta. 3807 RHADINOCERAEA REITTERI A contribution to the bionomics and morphology | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 Investigations on hydrangea ring spot virus and proof of its presence in Italy. 3942 RINGWORM Latent skin fungus infections in animals and their importance for the epidemiology of animal and human dermatomycoses. 4119 RODENT CONTROL Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 42:7 RODENTS Controlling household pests. 3790 The insect fauna in the burrows of the long- |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. 3915 The plant disease observatory of Milan. Abstracts of papers presented at the 57th Annual Meeting of the Poultry Science Association. 4102 Epidemiological analysis of disease reports of the Southern Conference on Avian Diseases. (Abstract). 4201 EPRODUCTION Insects and physiology; essays presented to Sir Vincent Wigglesworth, CBE, MD, FRS on his retirement from the Quick Chair of Biology and directorship of the Unit of Insect Physiology in the University of Cambridge. 3800 The effect of essential amino acid deficiency on the sex-specific accumulation of a blood protein in female house-flies (Musca domestica L.). 3804 Mating and oviposition behavior of the coffee | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYNCYTIAL VIRUS Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYSTEM The interaction of a nonpathogenic Mycoplasma sp. (TU) with Mycoplasma gallisepticum, and Newcastle disease virus in the avian respiratory tract. (Abstract). 4134 RETINA Vitamin A deficiency: Effect on retinal structure of the moth, Manduca sexta. 3807 RHADINOCERAEA REITTERI A contribution to the bionomics and morphology of Rhadinoceraea reitteri Knw. with a descrip- | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 Investigations on hydrangea ring spot virus and proof of its presence in Italy. 394.2 RINGWORM Latent skin fungus infections in animals and their importance for the epidemiology of animal and human dermatomycoses. 4119 RODENT CONTROL Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 42 !7 RODENTS Controlling household pests. 3790 The insect fauna in the burrows of the long-clawed mole-vole, a Caucasian endemic species. |
| Regulating the shipment of living pests, pathogens and vectors. 4345 Foreign quarantine notices. Nursery stock, plants, and seeds. Importation. 4346 EPORTS Report of the Anti-Locust Research Centre. 3883 Plant protection Annual Report 1967. The plant disease observatory of Milan. Abstracts of papers presented at the 57th Annual Meeting of the Poultry Science Association. 4102 Epidemiological analysis of disease reports of the Southern Conference on Avian Diseases. (Abstract). 4201 EPRODUCTION Insects and physiology; essays presented to Sir Vincent Wigglesworth, CBE, MD, FRS on his retirement from the Quick Chair of Biology and directorship of the Unit of Insect Physiology in the University of Cambridge. 3800 The effect of essential amino acid deficiency on the sex-specific accumulation of a blood protein in female house-flies (Musca domestica L.). | RESIDUES Experiences with residue research in lettuce. 4291 Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements. 4301 RESISTANCE Resistance to benomyl in powdery mildew of cucurbits. 4003 RESPIRATORY DISEASES Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYNCYTIAL VIRUS Pathogenesis of and recovery from respiratory syncytial and influenza infections in ferrets. 4215 RESPIRATORY SYSTEM The interaction of a nonpathogenic Mycoplasma sp. (TU) with Mycoplasma gallisepticum, and Newcastle disease virus in the avian respiratory tract. (Abstract). 4134 RETINA Vitamin A deficiency: Effect on retinal structure of the moth, Manduca sexta. 3807 RHADINOCERAEA REITTERI A contribution to the bionomics and morphology | Further research on the control of Echinochloa in rice fields. 4060 New herbicides for controlling weeds in upland rice. 4076 2,4-dichlorophenyl p-nitrophenyl ether. Notice of extension of temporary tolerances. 4296 RICKETS Optimum destruction of rachitogenic activity of C-1 protein. (Abstract). 4247 RING SPOT Supplement to the Plant Protection bulletin. 3923 Investigations on hydrangea ring spot virus and proof of its presence in Italy. 3942 RINGWORM Latent skin fungus infections in animals and their importance for the epidemiology of animal and human dermatomycoses. 4119 RODENT CONTROL Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. 42:7 RODENTS Controlling household pests. 3790 The insect fauna in the burrows of the long- |

RHIZOBIUM

The effects of increasing molybdenum rates on building of dry material of clover.

Life cycle and reproduction of Meloidogyne hapla on potato.

4052

The present state of research and of the control of rice pests.

On the value of our birds.

4322

3924

RONIDAZOLE

| Damages done to beet seeds by the forest mouse | Oxidation of D-malic and beta-alkylmalic acids | SEED GERMINATION |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (Apodemus sylvaticus). | by wild-type and mutant strains of Salmonella ty- phimurium and by Aerobacter aerogenes. | Biochemistry of plant immunity and dormancy as the foundation for the crop protection against |
| RONIDAZOLE | 4240 | diseases and germination. |
| Therapeutic efficacy of ronidazole in water | SALMONELLOSIS | 3985 |
| against histomoniasis and effect of continuous | A contribution to the salmonellosis of cattle and | SEED TREATMENT |
| feed levels on growth in turkeys. (Abstract). | its therapy. | Why is the disinfection treatment of corn seeds |
| RONNEL | 4243 | absolutely necessary . 4030 |
| Notice of filing of petition for food additive ron- | SANITATION | SEED-BORNE PLANT DISEASES |
| nel. | Contribution to the study of hydrogen sulfide poisoning of domestic animals. | Why is the disinfection treatment of corn seeds |
| 4096 | poisoning of domestic animals. | absolutely necessary. |
| ROOT CROPS | SANNINOIDEA EXITIOSA | 4030 |
| Distribution, importance and problems of herbi- cide use in Yugoslavia. In: Collection of reports | Disease and insect control in home orchards. | SEEDLINGS Fungus diseases of cotton seedlings in Egypt. |
| given at the International Herbicide Conference, | 3983 | 3972 |
| Prague, June 21-24, 1966. | SARCOPHAGA BULLATA | Virginia pine, a new host for Cronartium coman- |
| 4083 | Changes in soluble proteins during foot-pad | drae. |
| ROOT ROT | development in Sarcophaga bullata. | 3993 |
| Hybrid corn yield reduction by stalk and root rot in Nebraska. | 3821 | Detectable levels of Xanthomonas malvacearu in |
| 4027 | SATSUMA ORANGES | cotton gin debris with the seed-soak method. 4002 |
| ROOTS | Plant virus diseases in Turkey which are trans- | |
| Notes on the parasites of the root aphids | mitted by insect vectors. | Corn marigold (goldings, yellow oxeye, yellow bottle). |
| (Hymenoptera, Aphidiidae). | SAUSAGES | 4072 |
| 3876 | Irradiation treatment on wiener sausage with | SEEDS |
| ROSA The forage plants of Rhagades pruni Schiff. | gamma-ray. | Survival of the soybean cyst nematode in seed |
| The forage plants of Knagades pruni Schiff. 3828 | 4285 | stocks. |
| Diseases and parasites of the rose. | SCAB | 4049 |
| 3956 | Fruit disease problems and new approaches to | Gibberellin-induced asymmetric growth of apple fruits. |
| ROTENONE | their controls. | 4318 |
| Insect control for garden vegetables. | | Effect of seeded fruits and foliar-applied auxin |
| 3916 | Illustrative scales for the evaluation of potato scab and Rhizoctonia infection. | on seedless fruit set of pear the following year. |
| Interaction of antimycin A and rotenone in fish | scab and Rinzoctoma injection. | 4332 |
| bioassays. | SCARABAEIDAE | Foreign quarantine notices. Nursery stock, |
| ROTYLENCHULUS | Three new records of the genus Phanaeus from | plants, and seeds. Importation. 4346 |
| Nematodes associated with bananas in the Wind- | Georgia (Coleoptera: Scarabaeidae). | SENECIO JACOBAEA |
| ward Islands. | 3748 | Ragwort. |
| 4048 | SCLERODERRIS LAGERBERGII | 4073 |
| ROUS SARCOMA VIRUS | The effect of temperature on ascospore release | SENSE ORGANS |
| Proteins before and after inoculation with RSV. (Abstract). | by Scleroderris lagerbergii. | Insects and physiology; essays presented to Sir |
| 4153 | | Vincent Wigglesworth, CBE, MD, FRS on his retirement from the Quick Chair of Biology and |
| RUBBER | Spore dispersal by Scleroderris lagerbergii under nursery and plantation conditions. | directorship of the Unit of Insect Physiology in |
| A new leaf spot of para rubber (Hevea brasilien- | 4007 | the University of Cambridge. |
| sis) in Nigeria. | SCLEROSPORA GRAMINICOLA | 3800 |
| DIIMINIANTE | Effect of Sclerospora graminicola infection on | SEPTICEMIA |
| RUMINANTS Kale anaemia in ruminants. 1. Survey of the | total nitrogen content and free amino acid com- | Observations on septicemia of cattle caused by a Haemophilus-like organism. |
| literature and experimental induction of kale | position of Bajra plants. | 4211 |
| anaemia in lactating cows. | | SEPTORIA |
| 4152 | SCLEROTINIA SCLEROTIORUM Stem and root diseases of beans. | Studies of Leptosphaeria avenaria f. sp. triticea |
| Investigations on Coccidia in zoo ruminants. | 3941 | on wheat in North Dakota. 3970 |
| 4195 RUSSIAN SPRING-SUMMER ENCEPHALITIS | SCLEROTIUM ROLFSII | SERODIAGNOSIS 3970 |
| Isolation of the tick-borne encephalitis virus | Stem and root diseases of beans. | Polyvalent parainfluenza CF antigen for |
| from the squirrel Sciurus vulgaris. | 3941 | serodiagnosis. |
| 4168 | SCOLYTIDAE | 4166 |
| RUTHENIUM ISOTOPES | Mortality of mature beetles Ips typographus (L.) | SEROLOGICAL TESTS |
| New data on accumulation of S35 and Ru106 by dragonfly nymphs (Odonata). | (Col., Scolytidae) in the galleries and its causes. | Isolation of the tick-borne encephalitis virus from the squirrel Sciurus vulgaris. |
| dragonny nymphs (Odonata). | | 4168 |
| SALIVARY GLANDS | The toxic action of a mixture of gamma-BHC and EDB to Cryphalus fulvus Niijima. Studies on | Serological typing of mycobacteria for tracing |
| Salivary gland chromosome variation in the | the control of forest pests. V. | possible sources of avian mycobacterial infec- |
| Drosophila affinis subgroup. II. Comparison of | 3857 | tions in man. |
| C-chromosome patterns in D. athabasca and five related species. | SEASONAL VARIATION | Towards the eradication op bovine tuberculosis. |
| 3899 | To the fauna of ixodid ticks of Mongolia. | 4172 |
| SALMONELLA | SECRETION 3744 | Progress of the Soviet virology in foot-and- |
| Shell quality effect on Salmonella penetration. | SECRETION Insects and physiology; essays presented to Sir | mouth disease studies. |
| (Abstract). | Vincent Wigglesworth, CBE, MD, FRS on his | 4181 |
| Salmonella organisms in poultry feeds. (Ab- | retirement from the Quick Chair of Biology and | The use of serologic methods for the control of Mycoplasma meleagridis in turkeys. (Abstract). |
| stract). | directorship of the Unit of Insect Physiology in | 4198 |
| 4289 | the University of Cambridge. | A survey of Brucella infection of cattle in Kenya. |
| SALMONELLA DUBLIN | | A comparison of four serological tests for the |
| A contribution to the salmonellosis of cattle and its therapy. | Size independent secretion by the corpus allatum of Calliphora erythrocephala. | diagnosis of infection. |
| 4243 | of Camphora erythrocephara. | |
| | 3043 | Symposium on Brucellosis in Ireland Brucello- |
| SALMONELLA TYPHIMURIUM | | Symposium on Brucellosis in Ireland. I. Brucellosis: Bacteriology and epidemiology. II. Brucello- |
| SALMONELLA TYPHIMURIUM Effect of an iodophor on shelf life of poultry. (Abstract). | The influence of feed and water restriction and pitressin administration upon thyroxine secretion in domestic fowl. | Symposium on Brucellosis in Ireland. I. Brucellosis: Bacteriology and epidemiology. II. Brucellosis: Serological diagnosis. III. Vaccines and brucellosis. |

A meningioma in a cat associated with erosion of the skull.

Morphological variation in the sugarcane smut,

Buggy-whip of corn and its relation to the incidence of common smut.

Insect control for garden vegetables.

Ustilago scitaminea Syd.

SKULL

SLUGS

SERUM

SESIIDAE

SEX ATTRACTANTS

human dermatomycoses.

sis. (Abstract).

A study of carcasses condemned for skin leuko-

4284

Biochemical research on hog cholera. Behavior

An improvement of the indirect fluorescent antibody test for the diagnosis of intraerythrocytic parasitic infections.

Bembecia pectinata Stgr. and its first stages. (Lepidoptera, Sesiidae).

of some enzymatic activities in the serum.

SOIL-BORNE PLANT DISEASES

absolutely necessary.

SOLIERELLA NITRARIA

SORGHUM

by Scleroderris lagerbergii.

The effect of temperature on ascospore release

SPORES

3810

3928

4090

3916

Why is the disinfection treatment of corn seeds

OLIERELLA NITKAKIA Solierella nitraria sp. n. (Hym., Sphecidae). 3763

Evaluation of various bird-resistant and non-re-

sistant varieties of grain sorghum for use in

Influence on egg quantity and quality with sorghum grain diets supplemented with corn oil and/or furazolidone. (Abstract).

| Studies on sex pheromones of Pyralididae. | cidence of common smut. | Influence on egg quantity and quality with |
|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Changes in the quality of the sex pheromone in | SOCIAL INSECTS | sorghum grain diets supplemented with corn oil and/or furazolidone. (Abstract). |
| the female almond moth, Cadra cautella Walker | Geographic distribution of the ant genus For- | 4223 |
| (Phycitinae). | mica (Ĥymenoptera: Formicidae). | SORGHUM HALEPENSE |
| The use of attractants in pest control. 2. Sex at- | 3750 | Distribution and host range of maize dwarf mosa- |
| tractants. | Some biological notes on Bombus ignitus Smith | ic virus in Virginia. |
| 3848 | with special reference to the nest structure (Hym. Apidae). | SOYBEAN MEAL |
| Studies on sex pheromones of pyralididae. II. | 3834 | Influence of dietary fat, soybean meal treatment |
| Mass rearing of virgin females of the almond | Honeybees: Do they use direction and distance | and antibiotic supplementation on growth of |
| moth, Cadra cautella Walker (Phycitinae). | information provided by their dancers. | chicks fed different carbohydrates. |
| SHEEP | 3889 | 4120 |
| Insects and mites of livestock and in farm | SOCIETIES Pullation of the Feternal society of American | Effect of methionine on a growth depression in- |
| buildings. | Bulletin of the Entomological Society of America. | duced by supplementing a corn-soybean meal diet with lysine. |
| 3792 | 3739 | 4151 |
| Ovine genital brucellosis. Epididmytis of the ram | Abstracts of papers presented at the 57th Annual | Cottonseed meal, lysine, and methionine for |
| (Brucella ovis). The utilization of a new antigen for the complement fixation test and intradermal | Meeting of the Poultry Science Association. | layers. (Abstract). |
| reaction. | 4102 | 4219 |
| 4126 | SODIUM | SOYBEANS |
| Experiments on the loss of Dictyocaulus filaria | Studies on the sodium requirements of chicks. | Survival of the soybean cyst nematode in seed |
| from the lungs of infected sheep. II. The demon- | (Abstract). | stocks. |
| stration of worms in the bronchial spare mucus. | SODIUM CHLORIDE | SPECTINOMYCIN |
| | Salt and water transport by the in vitro | Effect of spectinomycin on experimentally in- |
| Further studies on the anthelmintic activity of I- tetramisole against gastro-intestinal helminths in | cockroach midgut. | duced Arizona group infection in turkeys. (Ab- |
| sheep. | 3870 | stract). |
| 4279 | Studies on the sodium requirements of chicks. | 4265 |
| The anaemia of acute and chronic ovine | (Abstract). | SPERMATOCYTES The non-render observation in |
| fascioliasis. | SODIUM PROPIONATE | The non-random chromosome segregation in spermatocytes of Gryllotalpa hexadactyla. A |
| 4280 | Sodium propionate. Drugs for veterinary use; | micromanipulation analysis. |
| Organic phosphate poisoning of sheep in Skull Valley, Utah. | drug efficacy study implementation. | 3896 |
| 4304 | 4175 | SPHAEROPSIS |
| SHRUBS | SOFT ROT | Stability of taxonomic characters in cultures of |
| The San Jose scale a pest of ornamental shrubs. | Aglaonema pictum, a new host of Erwinia | Diplodia and related genera as influenced by various carbon sources. (Abstract). |
| 4033 | chrysanthemi. | 4330 |
| SIMAZINE | SOGATELLA | SPHAEROTHECA FULIGINEA |
| Distribution, importance and problems of herbicide use in Yugoslavia. In: Collection of reports | Transmission of the virus component of the ragi | Resistance to benomyl in powdery mildew of cu- |
| given at the International Herbicide Conference, | (Eleusine coracana) disease-complex in Mysore, | curbits. |
| Prague, June 21-24, 1966. | India. 4028 | 4003 |
| 4083 | | SPHECIDAE Solierella nitraria sp. n. (Hym., Sphecidae). |
| Chemical control of weeds in the Hungarian | SOIL ANALYSIS Possibilities for Botrytis cinerea control, espe- | 3763 |
| vineyards. In: collection of reports given at the International Herbicide Conference, Prague, | cially in tomatoes. | SPHECOIDEA |
| June 21-24, 1966. | 4019 | Sphecoidea from the Ryukyus and Formosa |
| 4086 | SOIL CONTAMINATION | (Hymenoptera). |
| The influence of herbicides on the morphology | Research into environmental pollution. 4290 | 3783 |
| of cereal cultures. In: Collection of reports given | SOIL FUMIGATION | SPIDERS Studies on the insect found on Sectab broom |
| at the International Herbicide Conference, Prague, June 21-24, 1966. | Soil fumigation at Boskoop. | Studies on the insect fauna on Scotch broom Sarothamnus scoparius (L.) Wimmer. |
| 4320 | 3925 | 3784 |
| SIPHONAPTERA | SOIL INSECTS | SPIRAMYCIN |
| The insect fauna in the burrows of the long- | Larvae of injurious beetles (Coleoptera) in the | Experimental control Mycoplasma meleagridis |
| clawed mole-vole, a Caucasian endemic species. | soils of the Archeda Forest farm, Volgogard Province. | in turkeys by the temperature differential |
| 3845 | 3795 | dipping of eggs in tylosin and spiramycin. (Abstract). |
| Size independent secretion by the corpus allatum | SOIL MICROORGANISMS | 4118 |
| of Calliphora erythrocephala. | Soil fumigation at Boskoop. | Investigation of the residues of two antibiotics of |
| 3843 | 3925 | the macrolide family (oleandomycin and spira- |
| SKIN | Nematodes associated with bananas in the Wind- | mycin) in the tissues of chickens receiving |
| Enumeration of bacteria on poultry carcass skin. | ward Islands. | anibiotic feed supplements. 4301 |
| (Abstract). | Nematodofauna of a mixed hornbeam-oak forest | SPONGES |
| SKIN DISEASES | soil and of the neighboring cultivated lands at | Use of freshwater sponge in case construction of |
| Latent skin fungus infections in animals and their | Bab near Nitra. | Limnephilus species (Trichoptera: Limne- |
| importance for the epidemiology of animal and | 4055 | philidae). |

Harmlessness of herbicides for the biocenosis. In: Collection of reports geven at the International Herbicide Conference, Prague, June 21-24,

SPOROZOA

| Spore dispersal by Scleroderris lagerbergii under nursery and plantation conditions. 4007 | SQUIRRELS Isolation of the tick-borne encephalitis virus from the squirrel Sciurus vulgaris. | STORAGE DISEASES Effect of an iodophor on shelf life of poultry (Abstract). |
|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| The rate of contamination in relation to the per- | 4168 | 423 |
| centage of infection in the parasitic diseases of plants. | STABLES Insects and mites of livestock and in farm buildings. | Irradiation treatment on wiener sausage with gamma-ray. |
| SPOROZOA | 3792 | STREBLIDAE 428: |
| Penetration and development of Eimeria maxima sporozoites and the static effect of decoquinate. | Disinfection in parasitoses. 4148 | Faunal and ecological study on the families Nyc teribiidae and Streblidae (Dipt., Pupipara) of the |
| (Abstract). | STALK ROT Hybrid corn yield reduction by stalk and root rot | Nangahar Province (Eastern Afghanistan). |
| SPRAYING | in Nebraska. | STREPTOMYCES VIRIDOCHROMOGENES |
| Mexican fruit containment. | 4027 | Electron microscope examination of ultra-thin |
| 3879 | STARVATION The conjugated places proteins in adult females | sections of Streptomyces viridochromogenes fo hyphal anastomoses. |
| How to prevent sun and heat damage to desert- grown tomatoes. | The conjugated plasma proteins in adult females of Periplaneta americana (L.) under starvation | 3910 |
| 3909 | and other stress. | STRESS |
| Current status on chemical thinning of peaches and pears in Michigan. | The influence of feed and water restriction and | The conjugated plasma proteins in adult female of Periplaneta americana (L.) under starvation |
| 3913 | pitressin administration upon thyroxine secretion | and other stress. |
| Insect control for garden vegetables. | in domestic fowl. | Storaid alkalaids as compounds medicad by |
| 3916 | STATISTICAL ANALYSIS | Steroid alkaloids as compounds produced by potato tubers under stress. |
| This may be the year for spray thinning. | Reminiscence in the cold flour beetle (Tenebrio | 432 |
| Stretch your pest control dollars. | molitor). | STRIGA |
| 3922 | On the occurrence and seasonal dynamic of Dip- | Domestic quarantine notices. Witchweed. Regulated areas. |
| Low temperature sprays for Dutch elm disease | tera, Tachinidae in the reservation area of Jasov. | 406 |
| control. | 3808 | STRIPE SMUT |
| Prevention of the spread of non-persistent plant | Comparison of attenuated live Pasteurella mul- tocida given in drinking water to an oil-base bac- | Chemical control of stripe smut in Merion Ken- tucky bluegrass. |
| viruses by oil spraying. | terin administered to turkeys. (Abstract). | 3964 |
| 3963 | 4117 | Additional varieties of Agrostis palustris infected |
| Some observations on the late occurrence of | Spontaneous tumors in Holtzman-source rats of various ages. | by Ustilago striiformis var. agrostidis. 3968 |
| Peronospora on grapes in the period 1964-1966. | 4226 | STRONTIUM |
| Disease and insect control in home orchards. | STATISTICAL METHODS | Factors affecting the oxidation of glycerol-l |
| 3983 | Illustrative scales for the evaluation of potato scab and Rhizoctonia infection. | phosphate by insect flight-muscle mitochondria. |
| New chemicals look good for weed control in | 4024 | Strantium matchaliam in hone (Abstract) |
| Michigan orchards. 3994 | STELLARIA MEDIA | Strontium metabolism in hens. (Abstract). 4258 |
| Field evaluation of some fungicides for control of | The effectiveness of the newer herbicides for the control of weeds in cultivated plants with special | SUCROSE |
| leaf and stem rusts of wheat. | attention to weeds which are difficult to control. | Isolation and characterization of ribonucleic acid |
| 4006 Brown rot control in Southern California. | In: Collection of reports given at the Interna- tional Herbicide Conference, Prague, June 21- | from Musca domestica (L.). |
| 4015 | 24, 1966. | SUGAR |
| The peach twig borer and its control. | 4081 | Size independent secretion by the corpus allatum |
| 4032 | STEM ROT Losses from fusarium stem rot caused by Fusari- | of Calliphora erythrocephala. 3843 |
| The alternate generation of Callirhytis quercus- suttonii (Bassett)(Hymenoptera: Cynipoidea). | um roseum, in production of cuttings of carna- | SUGAR BEETS |
| 4038 | tion, Dianthus caryophyllus. | Plant virus diseases in Turkey which are trans- |
| Some important aspects of cotton insect control. | STEM RUST | mitted by insect vectors. |
| 4044 | Stem rust of wheat in Canterbury. | Further test of the control of Avena fatua in |
| Defoliation effects on forest ecology. 4062 | 3953 | sugar beets. |
| Weed control in fruits and nuts. | Air-borne rust inoculum over western Canada in 1968. | 4079 The effectiveness of the newer herbicides for the |
| 4070 | 3962 | control of weeds in cultivated plants with special |
| Weed control in vegetables. | Field evaluation of some fungicides for control of leaf and stem rusts of wheat. | attention to weeds which are difficult to control. |
| Pagewort 4071 | 4006 | In: Collection of reports given at the Interna- tional Herbicide Conference, Prague, June 21- |
| Ragwort. | Occurrence of Cronartium comptoniae in the | 24, 1966. |
| Defoliation effects on forest ecology. | Maritime Provinces. 4018 | SUGARCANE 4081 |
| 4080 | STEMPHYLIUM | Morphological variation in the sugarcane smut, |
| Chemical weed control in sunflower cultures. In: Collection of reports given at the International | A flower blight of chrysanthemum in South | Ustilago scitaminea Syd. |
| Herbicide Conference, Prague, June 21-24, | Florida. | 3920 SULFADIMETHOXINE |
| 1966. | STERILITY | Sulfadimethoxine injectable. Drugs for veterina- |
| 4087 Reduction of preharvest drop and water spot of | Mexican fruit containment. | ry use; drug efficacy study implementation. |
| navel oranges in Southern California. | STEPOIDS 3879 | 4180 Safety and compatability of sulfadimethoxine |
| 4331 | STEROIDS The anabolic steroids and their use in veterinary | potentiated mixture (Ro 5-0013), a new broad |
| What you should know about concentrate spraying. | therapeutics. | spectrum coccidiostat-antibacterial, in chickens. |
| ing. 4342 | Steroid alkaloids as compounds produced by | (Abstract). |
| SPRAYING EQUIPMENT | potato tubers under stress. | Anticoccidial activity of sulfadimethoxine poten- |
| Stretch your pest control dollars. 3922 | 4323 | tiated mixture (Ro 5-0013) in chickens. |
| The use of the pre-emergence herbicide Avadex | STORAGE Effect of storage on cottonseed and cottonseed | Antibacterial activity of sulfadimethoxine poten- |
| and Avadex BW in the band spraying method. | products. | tiated mixture (Ro 5-0013). (Abstract). |
| 4343 | 4283 | 4197 |

| SULFANILAMIDE Safety and compatability of sulfadimethoxine | Growth regulator survey for activity in inducing parthenocarpy in the highbush blueberry. | Buggy-whip of corn and its relation to the incidence of common smut. |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| potentiated mixture (Ro 5-0013), a new broad | 4324 | 4017 |
| spectrum coccidiostat-antibacterial, in chickens. (Abstract). | SUSANA ANNULATA | Illustrative scales for the evaluation of potato |
| (Abstract). 4185 | The genus Susana Rohwer and Middleton (Hymenoptera: Tenthredinidae). | scab and Rhizoctonia infection. 4024 |
| Anticoccidial activity of sulfadimethoxine poten- | 3773 | Ragwort. |
| tiated mixture (Ro 5-0013) in chickens. | SUSANA OREGONENSIS | 4073 |
| Antibacterial activity of sulfadimethoxine potentiated mixture (Ro 5-0013). (Abstract). | The genus Susana Rohwer and Middleton (Hymenoptera: Tenthredinidae). | Inherited resistance to sulfaquinoxaline toxicity in the chicken. (Abstract). |
| 4197 | SUSANA PUNCTATA | 4111 |
| ULFAQUINOXALINE | The genus Susana Rohwer and Middleton | Enterotoxaemia of calves evoked by Clostridium perfringens type B. |
| Inherited resistance to sulfaquinoxaline toxicity in the chicken. (Abstract). | (Hymenoptera: Tenthredinidae). | 4114 |
| 4111 | SUSANA RUFA | Notes on toxicology: The clover. |
| ULFISOXAZOLE | The genus Susana Rohwer and Middleton | 4122 |
| Sulfisoxazole. Drugs for veterinary use; drug efficacy study implementation. | (Hymenoptera: Tenthredinidae). | Contribution to the study of bovine mastitis due to fungi. |
| 4178 | SWEETFERN BLISTER RUST | 4125 |
| ULFUR | Occurrence of Cronartium comptoniae in the | Leptospirosis in Argentina. Diffusion, morbidity |
| Controlling insects and other pests with phosphonothioates. Patent 3,428,655. | Maritime Provinces. 4018 | and nosological map. |
| 3850 | SWINE | 4127 |
| Sulfur amino acid requirement of laying hens. | Insects and mites of livestock and in farm | The infectious bursal agent and pathology of the disease. (Abstract). |
| (Abstract). | buildings. | disease. (Abstract). |
| 4156 | 3792 | The pathology of avian osteodystrophy. (Ab- |
| The effect of different fungicides on the yeast | Biochemical research on hog cholera. Behavior | stract). |
| flora during the treatment of grape vines. 4329 | of some enzymatic activities in the serum. | 4136 |
| ULFUR ISOTOPES | Animal food composition. Patent 3,428,457. | Towards the eradication op bovine tuberculosis. |
| New data on accumulation of S35 and Rul 06 by | 4159 | 4172 |
| dragonfly nymphs (Odonata). 3820 | Sulfadimethoxine injectable. Drugs for veterina- | The mycotic abortions in the cow. |
| UNFLOWERS | ry use; drug efficacy study implementation. | Contribution to the study of the treatment of |
| Distribution, importance and problems of herbi- | 4180 | bovine ketosis. |
| cide use in Yugoslavia. In: Collection of reports | The animal adenoviruses. | 4200 |
| given at the International Herbicide Conference, | Epizootics of trichinosis in pigs and its relation | Observations on septicemia of cattle caused by a |
| Prague, June 21-24, 1966. | with anti-rat procedures using warfarin. | Haemophilus-like organism. |
| Chemical weed control in sunflower cultures. In: | 4227 | 4211 |
| Collection of reports given at the International | Appetite suppression in hamsters and swine fed a | Milk fever in the dog. |
| Herbicide Conference, Prague, June 21-24, | dithiocarbamoylhydrazine (ICI 33828). | Contribution to the study of hydrogen sulfide |
| 1966. 4087 | Comparative toxicology of organic and inorganic | poisoning of domestic animals. |
| URRA | arsenicals in swine. | 4311 |
| The natural occurrence of surra in the African | 4306 | Chemical injury on Golden Delicious apples |
| longhaired fox. | Proceedings of the American College of Veteri- | treated with diphenylamine. |
| URVEYS | nary Toxicologists, 1967. | SYNERGISM |
| To the fauna of ixodid ticks of Mongolia. | SYMPOSIA | Studies on the increment of the efficacy of insec- |
| 3744 | Symposium on Brucellosis in Ireland. 1. Brucello- | ticides (IX). On the synergistic action of |
| On the Orthopterous fauna in the south of the | sis: Bacteriology and epidemiology. II. Brucello- | pyrethrosin with pyrethroid. 3826 |
| Krasnoyarsk Territory. 3754 | sis: Serological diagnosis. III. Vaccines and bru- cellosis. | SYNERGISTS |
| Collembola fauna of Malta. | 4260 | Two types of carboxyesterase degrading |
| Collembola faulia of Maria. | SYMPTOMATOLOGY | malathion in resistant houseflies and their inhibi- |
| The entomology of the Isle of Rhum National | The training course of the European Plant Pro- | tion by synergists. |
| Nature Reserve. | tection Organization in England. | SYNETA BETULAE |
| Materials to the knowledge of the scale insects | Notes on the International Meeting on Virus and | Leaf beetle larvae of the subfamily Eumolpinae |
| Materials to the knowledge of the scale insects fauna of Yugoslavia (Homoptera, Coccoidea). | Virus Diseases of Grapes, held at Bernkastel | and of Syneta betulae F. (Coleoptera, Chrysome- |
| 3786 | (West Germany) in September 1967. | lidae). |
| A survey of leaf-miners and their parasites on | Investigations on hydrangea ring spot virus and | SYNTHESIS 3840 |
| Laburnum. | proof of its presence in Italy. | Pinocytosis during vitellogenesis in the meal- |
| Survey screening and breading for haderial | 3942 | worm, Tenebrio molitor L. (Coleoptera, |
| Survey, screening, and breeding for bacterial blight resistance in cotton. | Dutch elm disease detected in Alabama. | Tenebrionidae). |
| 3952 | 3947 | |
| Fungal and bacterial diseases of crucifers and cu- | Virus diseases survey on citrus in the Black Sea region. | Control systems in insect development. (abstract). |
| curbits in western Ontario in 1967. | 3951 | 3872 |
| Nematodofauna of a mixed hornbeam-oak forest | A flower blight of chrysanthemum in South | SYRPHIDAE |
| soil and of the neighboring cultivated lands at | Florida. 3955 | Chromosomes of Syrphidae. IV. Karyotypes of fourteen species in the tribe Chrysotoxini. |
| Bab near Nitra. | Diseases and parasites of the rose. | 3893 |
| A survey of Brucella infection of cattle in Kenya. | 3956 | Т, 2,4,5- |
| A comparison of four serological tests for the | Broad-bean stain and true broad-bean mosaic | Defoliation effects on forest ecology. |
| diagnosis of infection. | virus. | 4062 |
| Mallonhage of domestic shiples of from Cub. | 3960 | Defoliation effects on forest ecology. 4080 |
| Mallophaga of domestic chickens from Cuba. 4268 | Aglaonema pictum, a new host of Erwinia chrysanthemi. | TABANIDAE |
| Current status of methods for identifying pesti- | 3982 | Climate and the phylogeny and distribution of |
| cides, a survey. (JPRS 32,031) | A new virus disease of Carica papaya in India. | Tabanidae. |
| 4303 | 4005 | 3746 |

TABLES (DATA)

| The natural occurrence of surra in the African longhaired fox. 4236 | Effect of rearing condition on growth and development of the silkworm, Bombyx mori L., on artificial diet. II. | TETRANYCHUS URTICAE Genetics of organophosphate resistance in th two-spotted spider mite (Tetranychus urtica |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| TABLES (DATA) | 3882 | Koch). |
| Papilionoidea and Hesperioidea (Lepidoptera) of the virgin forest of Bialowieski. | Electrifying agriculture and horticulture. 3921 | THELAZIA GULOSA |
| 3758 | The effect of temperature on ascospore release | Brief communication on the occurance of |
| Fauna and ecology of mosquitoes in the southern part of the Moscow district. | by Scleroderris lagerbergii. | thelaciaepathogens of an enzootic eye disease i cattle in the German Democratic Republic. |
| 3770 | Freezing and thawing of purified suspensions of | |
| Insects and mites of livestock and in farm | the tobacco mosaic virus and its effect on infec- | THELAZIA SKRJABINI |
| buildings. 3792 | tivity. | Brief communication on the occurance of the communication on the occurance of the cattle in the German Democratic Republic. |
| Is it possible to predict apple moth infestations. | Low temperature sprays for Dutch elm disease | 427 |
| 3868 Insect control for garden vegetables. | control. 3957 | THERAPEUTICS The anabolic steroids and their use in veterinar |
| 3916 | Experimental control Mycoplasma meleagridis | therapeutics. |
| Chemical weed control in sunflower cultures. In: | in turkeys by the temperature differential dipping of eggs in tylosin and spiramycin. (Ab- | 409 British poisonous plants. |
| Collection of reports given at the International | stract). | 430 |
| Herbicide Conference, Prague, June 21-24, 1966. | 4118 | THERMOTHERAPY |
| 4087 | Effect of environmental temperature on iron | Efficacy of fungicides, hot water and gamma-in |
| Harmlessness of herbicides for the biocenosis. In: | deficiency anemia in Athens-Canadian random- bred chicks. | radiation for control of postharvest fruit rots of |
| Collection of reports geven at the International | 4257 | papaya. |
| Herbicide Conference, Prague, June 21-24, | Effect of storage on cottonseed and cottonseed | THINNING (FRUIT) |
| 1966. | products. | Current status on chemical thinning of peache |
| | 4283 | and pears in Michigan. |
| Influence of various chelating agents on absorption of 60Co, 59Fe, 54Mn, and 65Zn by | TENDIPEDIDAE | 391 |
| chickens. | On the determination of age structure of the lar- | This may be the year for spray thinning. |
| 4105 | vae of Tendipedidae (Diptera). | 391 |
| TACHINIDAE | 3813 | THINNING SPRAYS |
| On the occurrence and seasonal dynamic of Dip- | TENEBRIO MOLITOR | This may be the year for spray thinning. |
| tera, Tachinidae in the reservation area of Jasov. | Pinocytosis during vitellogenesis in the meal- | 391 |
| 3808 | worm, Tenebrio molitor L. (Coleoptera, | THIOCARBAMATES |
| Review of the parasitic Diptera of the genus | Tenebrionidae). | Diseases and parasites of the rose. |
| Eriothrix meigen (Diptera, Tachinidae) in the USSR. | Reminiscence in the cold flour beetle (Tenebrio | 395 |
| 3838 | molitor). | Why is the disinfection treatment of corn seed absolutely necessary. |
| TAHYNA VIRUS | 3794 | 403 |
| Food sources of some mosquito species in the | Juvenile hormone: Activity of aromatic terpe- | Damages done to beet seeds by the forest mous |
| natural focus of Tahyna virus in southern | noid ethers. | (Apodemus sylvaticus). |
| Moravia. | 3805 | 409 |
| 3854 | TENEBRIONIDAE | THIOPHENOL |
| Hemagglutination inhibiting antibodies to ar- | On nocturnal darkling beetles of the genus | Pesticidal uses of thiosubstituted phenols. Pater |
| boviruses in the population of Hajdu-Bihar Dis- | Melanesthes Lac. (Coleoptera, Tenebrionidae) from central Kazakhstan. | 3,443,012. 434 |
| trict, Hungary. 4167 | 3772 | THIRAM |
| TARSONEMIDAE | TENTHREDINIDAE | Why is the disinfection treatment of corn seed |
| What the practitioner should know about | The genus Susana Rohwer and Middleton | absolutely necessary. |
| arthropods. | (Hymenoptera: Tenthredinidae). | 403 |
| 3740 | 3773 | Damages done to beet seeds by the forest mous |
| TAXONOMY | TEPHRITIDAE | (Apodemus sylvaticus). |
| Contributions to the knowledge of Analgesoidea | Paratephritis transitoria Rhod. (Diptera, | 409 |
| of Czechoslovakia. | Tephritidae), a fly that forms galls on tassel flowers in the Maritime Territory. | THORAX |
| | 3833 | An electron microscope study of thoraci mitochondriac membranes in developing adult |
| Phoma exigua Desm. and its varieties. 3945 | Mexican fruit containment. | of the blowfly Lucilia cuprina. |
| | 3879 | 388 |
| The role of systematics in biology. | TERPENOIDS | THREONINE |
| TEGULA | Juvenile hormone: Activity of aromatic terpe- | The threonine requirement of the pullet an |
| Three species of Mexican Krombeinia having an | noid ethers. | adult hen. (Abstract). |
| elongated tegula with an extended apical angle | 3805 | THYROID GLAND |
| (Hymenoptera: Tiphiidae). | TESTING | The influence of feed and water restriction and |
| 3793 | Index tests of certified and uncertified nursery fruit trees in Washington in 1968. | pitressin administration upon thyroxine secretio |
| TEMPERATURE | 3961 | in domestic fowl. |
| Temperature and circadian control of cuticle | Buquinolate-A review. | 410 |
| growth on the bug, Oncopeltus fasciatus. | 4218 | THYROXINE The influence of feed and water restriction and |
| Changes in gonads and primary sexual characters | TETRACHLOROISOPHTHALONITRILE | pitressin administration upon thyroxine secretion |
| in triploid intersexes of Drosophila melanogaster | A flower blight of chrysanthemum in South | in domestic fowl. |
| (Diptera) exposed to the effect of different tem- | Florida. | 410 |
| peratures. | 3955 | TILLAGE |
| 3842 | TETRAMISOLE | Breeding and propagation of virus-free grapes in |
| The influence of photoperiod and temperature | Further studies on the anthelmintic activity of 1- | hydroponic cultures. |
| on the induction of diapause in mulberry pyralid, | tetramisole against gastro-intestinal helminths in | |
| Glyphodes pyloalis Walker. 3858 | sheep. 4279 | Weeds mean waste Know your weeds and how to control them. |
| | TETRANYCHIDAE | 406 |
| Studies on sex pheromones of pyralididae. II. Mass rearing of virgin females of the almond | What the practitioner should know about | Autumn weed control for continuous cerea |
| moth, Cadra cautella Walker (Phycitinae). | arthropods. | growers. |
| 3880 | 3740 | 4069 |

Perennial bindweeds.

TINEIDAE

TINGIDAE

Avoid yellow dwarf virus by late sowing.

Aphids and virus in north Canterbury wheat, 1965-66 season.

Herbicides in the perspectives of 20 months and

Taxonomy and distribution of the palearctic Nemapogon species (Lepidoptera, Tineidae). 3761

Food additives permitted in feed and drinking water of animals or for the treatment of food producing animals. Food additives permitted in food for human consumption. Buquinolate.

Investigation of the residues of two antibiotics of the macrolide family (oleandomycin and spiramycin) in the tissues of chickens receiving anibiotic feed supplements.

Vitamin A deficiency: Effect on retinal structure

Freezing and thawing of purified suspensions of the tobacco mosaic virus and its effect on infec-

of the moth, Manduca sexta.

4074

3981

4040

TOBACCO

Development of a new variety of tomato named

Miguel pereira, with resistance to both Fusarium and Verticillium wilts.

The tobacco mosaic virus (TMV) in the nutritive solution of the tomato hydroponous culture.

4014

Possibilities for Botrytis cinerea control, espe-

The effectiveness of the newer herbicides for the control of weeds in cultivated plants with special

attention to weeds which are difficult to control.

In: Collection of reports given at the Interna-

tional Herbicide Conference, Prague, June 21-

cially in tomatoes.

24, 1966.

| Acalypta pulchra sp. n A new species of I in- | 3944 | TOVACCADIO I FONINA |
|-----------------------------------------------------|-----------------------------------------------------|---------------------------------------------------|
| gidae from Bulgaria. (Heteroptera, Tingidae). | The occurrence of the downy mildew disease of | TOXASCARIS LEONINA |
| 3776 | tobacco. | An attempt to eliminate the principal parasitic |
| TIPHIIDAE | 3984 | nematodes of dogs by using a new phosphoric |
| Three species of Mexican Krombeinia having an | Multiplication of tobacco mosaic virus in suspen- | ester. |
| elongated tegula with an extended apical angle | sion culture of tobacco cells. | 4277 |
| (Hymenoptera: Tiphiidae). | 3987 | TOXICOLOGY |
| 3793 | | Insect metabolism of photoaldrin and photodiel- |
| | Effects of tobacco mosaic virus on the | drin. |
| TIPULIDAE | phosphorus metabolism of Nicotiana xanthi n. c. | 3837 |
| A description of the developmental stages of | 4000 | |
| Ctenophora guttata Wied. and a review of the | The tobacco mosaic virus (TMV) in the nutritive | Comparative toxicology of organic and inorganic |
| Czechoslovak species of the genus Ctenophora | solution of the tomato hydroponous culture. | arsenicals in swine. |
| (Dipt., Tipulidae). | 4014 | 4306 |
| 3847 | Wild species as a source of resistance to diseases. | British poisonous plants. |
| TISSUE CULTURE | 4016 | 4308 |
| Isolation and characterization of ribonucleic acid | | |
| from Musca domestica (L.). | Controlling weeds in tobacco with benefin. | Proceedings of the American College of Veteri- |
| 3798 | 4065 | nary Toxicologists, 1967. |
| | Control of Orobanche under natural and artifi- | 4309 |
| Multiplication of tobacco mosaic virus in suspen- | cally infested conditions. | Effects of heptachlor and nicotine on the barbels |
| sion culture of tobacco cells. | 4068 | of a catfish (Heteropneustes fossilis). |
| 3987 | Plant injury by air pollutants: Influence of hu- | 4310 |
| The in vitro establishment of pith calluses and | | Contribution to the study of hydrogen sulfide |
| nodal tumors of Brassica oleracea. | midity on stomatal apertures and plant response | Contribution to the study of hydrogen sulfide |
| 4004 | to ozone. | poisoning of domestic animals. |
| Comparative interactions of Erwinia carotovora | 4326 | 4311 |
| | TOLERANCES | Some recent aspects of veterinary toxicology: |
| and Erwinia amylovora with pear and potato tis- | Experiences with residue research in lettuce. | Attempted comparison with human toxiocology. |
| sues. 4008 | 4291 | 4316 |
| | Some remarks on plant protection preparation- | TOXINS |
| Intestinal histology of vitamin A deficient chicks. | tolerances. | |
| (Abstract). | 4292 | The toxic action of a mixture of gamma-BHC |
| 4113 | | and EDB to Cryphalus fulvus Niijima. Studies on |
| Newcastle disease virus. Characteristics of a | Notice of filing of petition regarding pesticide | the control of forest pests. V. |
| strain (2425) isolated in Cordoba, Argentina in | chemicals. | 3857 |
| 1961. II. Comparative study of immunologic | 4293 | TOXOCARA |
| relationships and cellular affinities. | O-isopropoxyphenol methylcarbamate. Notice | Toxocariasis in man and animals. |
| 4116 | of establishment of temporary tolerance for | 4282 |
| | pesticide chemical. | TOXOCARA CANIS |
| Virulence, adsorbability, and antigenicity of | 4294 | |
| foot-and-mouth disease virus selected by adsorp- | Tolerances and exemptions from tolerances for | Notice of filing of petition for food additive |
| tion with homogenized mouse kidney. | pesticide chemicals in or on raw agricultural | nitrodan. |
| 4124 | commodities. Dicamba. | 4144 |
| Progress of the Soviet virology in foot-and- | 4295 | An attempt to eliminate the principal parasitic |
| mouth disease studies. | | nematodes of dogs by using a new phosphoric |
| 4181 | 2,4-dichlorophenyl p-nitrophenyl ether. Notice | ester. |
| Avian virus-induced tumors. | of extension of temporary tolerances. | 4277 |
| 4242 | 4296 | TOXOPLASMA GONDII |
| | Tolerances and exemptions from tolerances for | Toxoplasma infection: Some factors possibly |
| Studies on several strains of pseudorabies (Au- | pesticide chemicals in or on raw agricultural | contributing to the marketing of the possibly |
| jeszky) virus showing different virulence by | commodities. Food additives. Phosalone. | contributing to the mechanism of toxoplasmic in- |
| means of the immuno- and acridine orange | 4298 | fection. |
| fluorescence. | Tolerances and exemptions tolerances for pesti- | 4189 |
| 4266 | cide chemicals in or on raw agricultural com- | TOXOPLASMOSIS |
| TISSUE THERAPY | modities. Trifluralin. | Toxoplasma infection: Some factors possibly |
| The effect of various biogenic amines on the ac- | 4299 | contributing to the mechanism of toxoplasmic in- |
| tivity of the foregut of the cockroach, Blaberus | | fection. |
| giganteus. | The first maximum dosage regulation for plant | 4189 |
| 3811 | protection preparations in the Federal Republic | TRACTORS |
| | of Germany. | Brush control through shredding. |
| TISSUE TRANSPLANTS | 4347 | |
| Study of the morphogenesis of the maxillary | TOMATOES | 4077 |
| stylet of Rhodnius prolixus by transplantations of | How to prevent sun and heat damage to desert- | TREE DISEASES |
| incomplete stylogenetic organs. | grown tomatoes. | The attraction to Pissodes notatus (Col. Curcu- |
| 3862 | 3909 | lionidae) of the wounds formed by Matsuococ- |
| TISSUES | Reaction of tomato varieties against Alternaria | cus feytaudi Duc. (Hom. Coccoidea) on |
| Lymphoepithelial tissues of the intestine and dif- | solani and Cladosporium fulvum. | maritime pine. |
| ferentiation of antibody production. | 3935 | 4034 |
| 4213 | | TREMATODA |
| | Fusarium wilt (race 2) of tomato: Calcium, pH, | |
| Investigations concerning the ultrastructure and | and micronutrient effects on disease develop- | Minimum time for development and life span of |
| etiology of the mast cell tumors in the dog. | ment. | metacercariae. |
| 4259 | 3974 | 4270 |

Field significance of Mycoplasma meleagridis in-

The epizootiological importance of foot-and-mouth disease carriers. II. The carrier status of

cattle exposed to foot-and-mouth disease follow-

TUBERCULIN TEST

TRIAZINE

TRIAZINE

TUBERCULIN

Towards the eradication op bovine tuberculosis.
4172

| of herbicide mixtures in the treatment of corn. | of bovine tuberculosis. | rection. (Abstract). |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| In: Collection of reports given at the Interna- | 4150 | TYLOSIN TARTRATE |
| tional Herbicide Conference, Prague, June 21- | TUBERCULOSIS | Control of Mycoplasma meleagridis infection i |
| 24, 1966. 4064 | Tests on laboratory animals and on tubercular | turkeys. (Abstract). |
| Chemical control of weeds in the Hungarian | cows in order to determine the value of the mor- ruato cupric colloidal (gadusan) in the in- | 417 |
| vineyards. In: collection of reports given at the | tradermal reaction. | UDDERS |
| International Herbicide Conference, Prague, | 4115 | Spohn's udder aid. Drugs for veterinary use; dru efficacy study implementation. |
| June 21-24, 1966. | Serological typing of mycobacteria for tracing | 417 |
| 4086 | possible sources of avian mycobacterial infec- | ULMUS |
| TRIAZINES | tions in man. | Low temperature sprays for Dutch elm diseas |
| The influence of herbicides on the morphology of cereal cultures. In: Collection of reports given | 4170 | control. |
| at the International Herbicide Conference, | Towards the eradication op bovine tuberculosis. 4172 | 395 |
| Prague, June 21-24, 1966. | TURF | ULMUS ALATA |
| 4320 | Perennial bindweeds. | Dutch elm disease detected in Alabama. |
| Process for the production of substituted | 4074 | 394 |
| triazines. Patent 3,428,636. | TURKEY EGGS | The identity of Phyllactinia on winged elm i Georgia. |
| | Experimental control Mycoplasma meleagridis | 396 |
| TRICHINELLA SPIRALIS | in turkeys by the temperature differential | ULTRASTRUCTURE |
| Epizootics of trichinosis in pigs and its relation with anti-rat procedures using warfarin. | dipping of eggs in tylosin and spiramycin. (Abstract). | Physiological and ultrastructural study of th |
| 4227 | 4118 | corpora allata of Locusta migratoria L. (Orthor |
| Trichinella spiralis infection in Rattus norvegicus | The use of serologic methods for the control of | tera) in the gregarious phase. |
| from the municipal abattoir of Santiago, Chile. | Mycoplasma meleagridis in turkeys. (Abstract). | 383 |
| 4228 | 4198 | Purification, ultrastructure, and composition of axial filaments from Leptospira. |
| TRICHINOSIS | TURKEYS | 418 |
| Epizootics of trichinosis in pigs and its relation | The effects of reserpine on the reproductive per- | On the structure of horse influenza virus. A cor |
| with anti-rat procedures using warfarin. | formance of breeder turkeys receiving artificial | tribution to the ultrastructure of influenz |
| | insemination. 4106 | viruses. |
| Trichinella spiralis infection in Rattus norvegicus from the municipal abattoir of Santiago, Chile. | Emtryl and antibiotics for turkey breeders. (Ab- | 423 |
| 4228 | stract). | UREA |
| TRICHOCLADIUS | 4112 | Experimental studies on the ammonia poisonin |
| Occurrence of the species Trichocladius trifascia | Comparison of attenuated live Pasteurella mul- | of the goat. I. On the capacity to detoxicate am monia entering through the portal blood. |
| Edwards (Chironomidae, Diptera) in the | tocida given in drinking water to an oil-base bac- | 430 |
| Danube. | terin administered to turkeys. (Abstract). | UREA COMPOUNDS |
| 3816 | 4117 | New herbicides for controlling weeds in uplan |
| TRICHOPTERA Use of freshwater sponge in case construction of | Experimental control Mycoplasma meleagridis in turkeys by the temperature differential | rice. |
| Limnephilus species (Trichoptera: Limne- | dipping of eggs in tylosin and spiramycin. (Ab- | 407 |
| philidae). | stract). | UREMIA |
| 3810 | 4118 | A case of bilateral polycystic kidneys in a cat. 413 |
| Studies of neotropical caddis flies. VIII: The im- | Epizootiology of influenza in turkeys. (Ab- | |
| mature stages of Barypenthus claudens | stract). | Chronic follicular hypertrophic-hyperplastic gas tritis in a dog. |
| (Trichoptera: Odontoceridae). | | 413 |
| New data on the biology of caddisflies (Trichop- | Relationship of biotin to leg weakness in turkeys. (Abstract). | USTILAGO NUDA |
| tera, Limnephilidae, Apataniinae) of Lake Bai- | 4161 | Virulence of various groups of loose smut of bar |
| cal. I. Life span and mass flight of adults. | Control of Mycoplasma meleagridis infection in | ley, (Ustilago nuda (Jens.) Rostr.) physiologica |
| 3851 | turkeys. (Abstract). | races in the light of anatomical investigations of |
| The behavior of adults of abundant species of | 4171 | spring barley varieties different with regard to re sistance. I. Spreading of pathogene in host plan |
| caddisflies (Trichoptera) in the tributaries of | The use of serologic methods for the control of | tissue. |
| Lake Sevan. 3852 | Mycoplasma meleagridis in turkeys. (Abstract). | 397 |
| | 4198 | USTILAGO STRIIFORMIS |
| TRICHURIS VULPIS An attempt to eliminate the principal parasitic | Amino acids and isonitrogenous turkey starter diets. (Abstract). | Chemical control of stripe smut in Merion Ken |
| nematodes of dogs by using a new phosphoric | 4207 | tucky bluegrass. 396 |
| ester. | Therapeutic efficacy of ronidazole in water | |
| 4277 | against histomoniasis and effect of continuous | Additional varieties of Agrostis palustris infected by Ustilago striiformis var. agrostidis. |
| TRIFLURALIN | feed levels on growth in turkeys. (Abstract). | 396 |
| Tolerances and exemptions tolerances for pesti- | 4245 | USTILAGO TRITICI |
| cide chemicals in or on raw agricultural com- modities. Trifluralin. | Persistance of Mycoplasma meleagridis in the | A race of Ustilago tritici virulent on Thatche |
| 4299 | genitalia of experimentally infected turkeys. (Abstract). | wheat and its derivatives. |
| TRYPANOSOMA EVANSI | 4263 | 398 |
| The natural occurrence of surra in the African | Effect of spectinomycin on experimentally in- | UTERUS |
| longhaired fox. | duced Arizona group infection in turkeys. (Ab- | Estrogenic activity of o,p'-DDT in the mam malian uterus and avian oviduct. |
| TDVDANOSOMIASIS | stract). | 409 |
| TRYPANOSOMIASIS Comparative studies of American and African | 4265 | VACCINES |
| Trypanosomiasis. | TYLENCHULUS SEMIPENETRANS Control of the citrus nematode Tylenchulus | Duck virus enteritis (duck plague). Interstate |
| 3908 | Control of the citrus nematode, Tylenchulus semipenetrans, with 1,2-dibromo-3- | movement. |
| The natural occurrence of surra in the African | chloropropane in Taiwan. | 4110 |
| longhaired fox. | 4057 | Comparison of attenuated live Pasteurella mul |
| 4236 | TYLOSIN | tocida given in drinking water to an oil-base bac terin administered to turkeys. (Abstract). |
| TRYPTOPHAN Effect of Salaranara araminisala infection on | Experimental control Mycoplasma meleagridis | 411' |
| Effect of Sclerospora graminicola infection on total nitrogen content and free amino acid com- | in turkeys by the temperature differential dipping of eggs in tylosin and spiramycin. (Ab- | Progress of the Soviet virology in foot-and |
| position of Bajra plants. | stract). | mouth disease studies. |
| | 4110 | |

The use of serologic methods for the control of Mycoplasma meleagridis in turkeys. (Abstract). 4198

3954

Maize dwarf mosaic-Effects of virus strains A and B on yield and interaction effects of atrazine and the virus on yield.

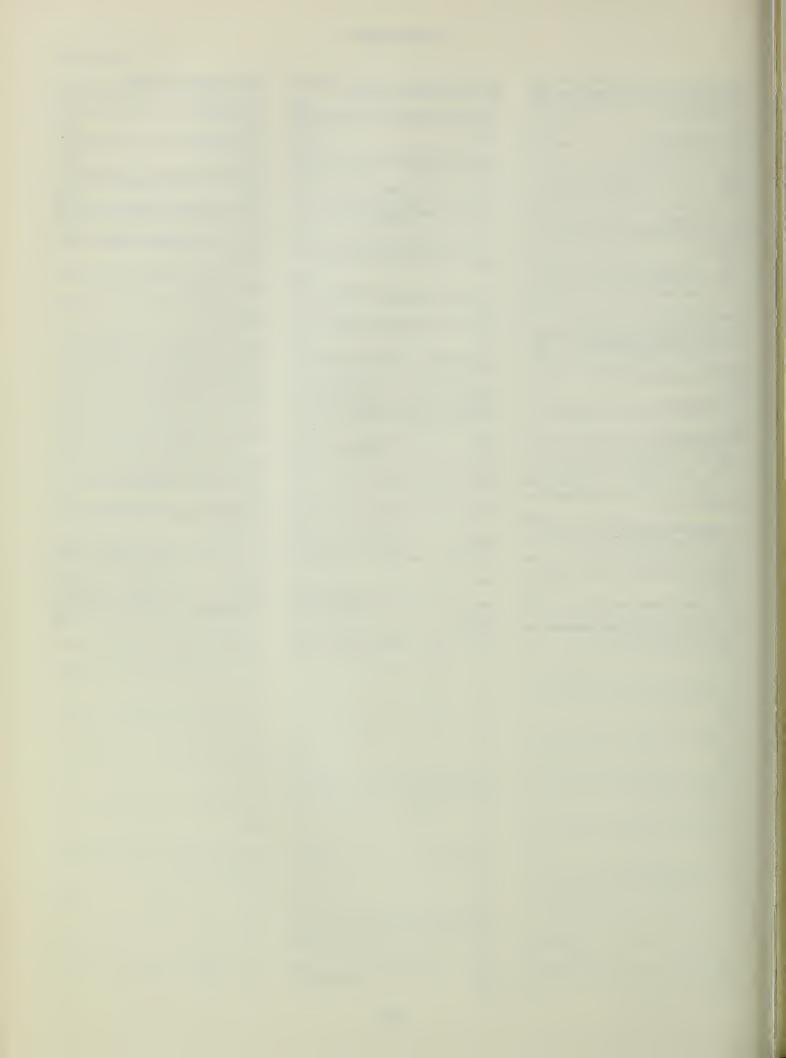
| ing vaccination with an oil adjuvant inactivated virus vaccine. | Sulfadimethoxine injectable. Drugs for veterinary use; drug efficacy study implementation. | Newcastle disease virus in the avian respiratory tract. (Abstract). |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 4191 | 4180 | 4134 |
| Symposium on Brucellosis in Ireland. I. Brucellosis: Bacteriology and epidemiology. II. Brucellosis: Serological diagnosis. III. Vaccines and bru- | Proceedings of the American College of Veterinary Toxicologists, 1967. | Studies on acute Marek's disease. 9. Resistance to MD by inoculation with the GA isolate. |
| cellosis. | | |
| 4260 | Some recent aspects of veterinary toxicology: Attempted comparison with human toxicology. | Proteins before and after inoculation with RSV. (Abstract). |
| VEGETABLES | 4316 | (Abstract). 4153 |
| Insect control for garden vegetables. | | |
| 3916 | VIROLOGY | Epizootiology of influenza in turkeys. (Ab- |
| The causes of disease in plant pathology. | Notes on the International Meeting on Virus and | stract). |
| 3939 | Virus Diseases of Grapes, held at Bernkastel (West Germany) in September 1967. | 4157 |
| Plant virus diseases in Turkey which are trans- | 3938 | C -type viral particles in plasma of cats with |
| mitted by insect vectors. | | feline leukemia. |
| 4036 | Investigations on hydrangea ring spot virus and | 4164 |
| | proof of its presence in Italy. 3942 | Polyvalent parainfluenza CF antigen for |
| Overwintering of Meloidogyne incognita in southwestern Ontario. | | serodiagnosis. |
| 4047 | Freezing and thawing of purified suspensions of | 4166 |
| | the tobacco mosaic virus and its effect on infec- tivity. | Isolation of the tick-borne encephalitis virus |
| Weed control in vegetables. | 3944 | from the squirrel Sciurus vulgaris. |
| | | 4168 |
| Distribution, importance and problems of herbi- | The present state of grape culture virus research. 3948 | Progress of the Soviet virology in foot-and- |
| cide use in Yugoslavia. In: Collection of reports given at the International Herbicide Conference, | | mouth disease studies. |
| Prague, June 21-24, 1966. | Some observations on the shape and localization | 4181 |
| 4083 | of different viruses in experimentally infected | The epizootiological importance of foot-and- |
| Chemical weed control problems in outdoor | plants, and on the fine structure of the host cells. | mouth disease carriers. II. The carrier status of |
| vegetable growing. | IV:ABABIS mosaic virus in Petunia hybrida | cattle exposed to foot-and-mouth disease follow- |
| 4088 | Hort. 3959 | ing vaccination with an oil adjuvant inactivated |
| | | virus vaccine. |
| Tolerances and exemptions tolerances for pesti- cide chemicals in or on raw agricultural com- | Broad-bean stain and true broad-bean mosaic virus. | 4191 |
| modities. Trifluralin. | virus. 3960 | Pathogenesis of and recovery from respiratory |
| 4299 | | syncytial and influenza infections in ferrets. |
| VEGETATION | Multiplication of tobacco mosaic virus in suspen- | 4215 |
| Fauna of the Heteroptera on town waste | sion culture of tobacco cells. | The animal adenoviruses. |
| neopedon of the Prague periphery. | | 4217 |
| 3767 | Newcastle disease virus. Characteristics of a | |
| VENTILATION | strain (2425) isolated in Cordoba, Argentina in | Egg transmission studies of Type II leukosis infection (Marek's disease). |
| Contribution to the study of hydrogen sulfide | 1961. II. Comparative study of immunologic | 4230 |
| poisoning of domestic animals. | relationships and cellular affinities. 4116 | |
| 4311 | | The levels of Type II infection (Marek's disease) |
| VENTURIA PIRINA | Virulence, adsorbability, and antigenicity of | in 8-week-old chickens processed at dressing |
| Supplement to the Plant Protection bulletin. | foot-and-mouth disease virus selected by adsorp- | plants. (Abstract). |
| 3923 | tion with homogenized mouse kidney. | |
| VERTEBRATES | | On the structure of horse influenza virus. A con- |
| Ticks of the National Reactor Testing Station. | C -type viral particles in plasma of cats with feline leukemia. | tribution to the ultrastructure of influenza viruses. |
| 4267 | 4164 | VII uses. 4235 |
| VERTICILLIUM | | |
| Development of a new variety of tomato named | Progress of the Soviet virology in foot-and- mouth disease studies. | Electron microscopy as an aid to the rapid identification of animal viruses. |
| Miguel pereira, with resistance to both Fusarium | Houth disease studies. | 4239 |
| and Verticillium wilts. | | |
| 3997 | Pathogenesis of and recovery from respiratory | Avian virus-induced tumors. |
| VERTICILLIUM ALBO-ATRUM | syncytial and influenza infections in ferrets. 4215 | 4242 |
| Resistance of dwarf-internode castor (Ricinus | | VIRUS DISEASES (PLANTS) |
| communis) to Verticillium wilt. | The animal adenoviruses. | The training course of the European Plant Pro- |
| 3946 | 4217 | tection Organization in England. |
| VETERINARY MEDICINE | Electron microscopy as an aid to the rapid | 3914 |
| The anabolic steroids and their use in veterinary | identification of animal viruses. 4239 | The importance of applied entomology for Aus- |
| therapeutics. | | trian plant protection. |
| 4099 | Avian virus-induced tumors. | 3926 |
| Disinfection in parasitoses. | 4242 | Virus diseases and the selection of grapes. |
| 4148 | VIRULENCE | 3937 |
| Embryostat (oxytetracycline powder). Drugs for | Determination of the virulence of the Mycobac- | Notes on the International Meeting on Virus and |
| veterinary use, drug efficacy study implementa- | terium tuberculosis by the fluorescence method. | Virus Diseases of Grapes, held at Bernkastel |
| tion. 4173 | 4248 | (West Germany) in September 1967. |
| | Studies on several strains of pseudorabies (Au- | 3938 |
| Nicarbazin. Drugs for veterinary use; drug effica- | jeszky) virus showing different virulence by | Investigations on hydrangea ring spot virus and |
| cy study implementation. | means of the immuno- and acridine orange fluorescence. | proof of its presence in Italy. |
| | 1100Tescence. 4266 | 3942 |
| Sodium propionate. Drugs for veterinary use; drug efficacy study implementation. | VIRUS DISEASES (ANIMALS) | Freezing and thawing of purified suspensions of |
| 4175 | Food sources of some mosquito species in the | the tobacco mosaic virus and its effect on infec- |
| | natural focus of Tahyna virus in southern | tivity. |
| Spohn's udder aid. Drugs for veterinary use; drug efficacy study implementation. | Moravia. | 3944 |
| 4176 | 3854 | The present state of grape culture virus research. |
| | Duck virus enteritis (duck plague). Interstate | 3948 |
| Dextran 6 percent W/V in saline (plasma volume expander). Drugs for veterinary use; drug effica- | movement. | Plant pathology field day. |
| cy study implementation. | 4110 | 3949 |
| 4177 | Investigation of some enzymatic activities (GOT, | Virus diseases survey on citrus in the Black Sea |
| Sulfisoxazole. Drugs for veterinary use; drug ef- | GPT, aldolase, LDH, LDP, SDH) in the liquid | region. |
| ficacy study implementation. | amnio-allantoids of healthy chick embryos or | 3951 |
| 4178 | those infected with newcastle disease virus. | Maize dwarf mosaic-Effects of virus strains A |

The interaction of a nonpathogenic Mycoplasma sp. (TU) with Mycoplasma gallisepticum, and

Nystatin for feed formulation. Drugs for veterinary use. drug efficacy study implementation.
4179

| Some observations on the shape and localization of different viruses in experimentally infected | VITAMIN D Milk fever in the dog. | WEST NILE VIRUS Hemagglutination inhibiting antibodies to an |
|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| plants, and on the fine structure of the host cells. IV:ABABIS mosaic virus in Petunia hybrida Hort. | Zinc toxicity and vitamin D for chicks. (Ab- | boviruses in the population of Hajdu-Bihar District, Hungary. 416 |
| 3959 | stract). 4314 | WHEAT |
| Broad-bean stain and true broad-bean mosaic | VITAMIN E | Stem rust of wheat in Canterbury. |
| virus. 3960 | Effect of ascorbic acid withdrawal on interior | 395 |
| Index tests of certified and uncertified nursery | egg quality. (Abstract). | Studies of Leptosphaeria avenaria f. sp. tritice |
| fruit trees in Washington in 1968. | VITAMIN K | on wheat in North Dakota. |
| 3961 | The relation of protein level of alfalfa meals to | Lodging resistance in wheat. II. Identification of |
| Prevention of the spread of non-persistent plant | their vitamin K activity. (Abstract). | superior genetic stocks. |
| viruses by oil spraying. | 4130 | 397 |
| Avoid yellow dwarf virus by late sowing. | WARFARIN Epizootics of trichinosis in pigs and its relation | A race of Ustilago tritici virulent on Thatche |
| 3981 | with anti-rat procedures using warfarin. | wheat and its derivatives. |
| Multiplication of tobacco mosaic virus in suspen- | 4227 | Leaf rust of wheat in Canada in 1968. |
| sion culture of tobacco cells. | WATER | 399 |
| A transmissible fruit-depression disease of McIn- | Salt and water transport by the in vitro cockroach midgut. | Field evaluation of some fungicides for control of |
| tosh apples. | 3870 | leaf and stem rusts of wheat. |
| 3991 | Low temperature sprays for Dutch elm disease | The effect of low doses of gamma irradiatio |
| Distribution and host range of maize dwarf mosaic virus in Virginia. | control. | upon the rate of infection of plants with powder |
| 3998 | 3957 | mildew. II. A differentiated susceptibility of |
| Effects of tobacco mosaic virus on the | Comparison of attenuated live Pasteurella mul- tocida given in drinking water to an oil-base bac- | winter wheat zelazna variety to infection wit powdery mildew (Erysiphe graminis F. tritici D |
| phosphorus metabolism of Nicotiana xanthi n. c. 4000 | terin administered to turkeys. (Abstract). | March). |
| Effects of early and late inoculation of maize | 4117 | 400 |
| dwarf mosaic virus strain A and B on shelled | Therapeutic efficacy of ronidazole in water against histomoniasis and effect of continuous | Aphids and virus in north Canterbury wheat 1965-66 season. |
| grain yields of susceptible and resistant maize | feed levels on growth in turkeys. (Abstract). | 1903-00 season. |
| segregates of a three-way hybrid. | 4245 | Insecticide granules and virus in autumn-sow |
| A new virus disease of Carica papaya in India. | WATER POLLUTION Chemical weed control in irrigation channels and | wheat. |
| 4005 | drains. | 404 |
| Plant protection. Bulletin of the Plant Disease | 4061 | O-isopropoxyphenol methylcarbamate. Notic of establishment of temporary tolerance for |
| Station of Geneva. March. | Research into environmental pollution. | pesticide chemical. |
| Plant protection. Bulletin of the Plant Disease | 4290 | 429 |
| Station of Geneva. June. | WAXES Disinfection in parasitoses. | WILT Resistance of dwarf-internode castor (Ricinu |
| 4011 | 4148 | communis) to Verticillium wilt. |
| Plant protection. Bulletin of the Plant Disease Station of Geneva. October. | WEATHER | 394 |
| 4012 | Pseudomonas syringae infection of sweet cherry fruit in Utah. | Fusarium wilt (race 2) of tomato: Calcium, pH |
| Plant protection. Bulletin of the Plant Disease | 3934 | and micronutrient effects on disease development. |
| Station of Geneva. April. | WEED CONTROL | 397 |
| The tobacco mosaic virus (TMV) in the nutritive | Weeds mean waste Know your weeds and how to | Development of a new variety of tomato name |
| solution of the tomato hydroponous culture. | control them. | Miguel pereira, with resistance to both Fusariur and Verticillium wilts. |
| 4014 | Control of Orobanche under natural and artifi- | 399 |
| Wild species as a source of resistance to diseases. 4016 | cally infested conditions. | Investigations on cotton wilt in Western Turkey. |
| Transmission of the virus component of the ragi | 4068 | 425 |
| (Eleusine coracana) disease-complex in Mysore, | Autumn weed control for continuous cereal growers. | WINGS (INSECTS) Structure and development of the imaginal win |
| India. 4028 | 4069 | discs of larva in a holometabolous insect, Bom |
| Plant virus diseases in Turkey which are trans- | Foaming agents as ground cover against weeds. | byx mori (Lepidoptera, Bombycidae). |
| mitted by insect vectors. | 4078 | 380 |
| 4036 | Studies on weed control in groundnut (Arachis hypoceae) - a review. | Hereditary nature of the two forms of Argyro gramma albostriata (Bremer and Grey) (Noc |
| Aphids and virus in north Canterbury wheat, 1965-66 season. | 4082 | tuidae, Plusiinae). |
| 4040 | WEEDS | 389 |
| Insecticide granules and virus in autumn-sown | Plant protection in the heart of Europe. Austrias | XANTHOMONAS MALVACEARUM Detectable levels of Xanthomonas malvacearu in |
| wheat. 4041 | contribution to the international fight against plant pests and diseases and, through this, to the | cotton gin debris with the seed-soak method. |
| Breeding and propagation of virus-free grapes in | improvement of the food situation. | 400 |
| hydroponic cultures. | New can you goot those woods | XANTHOPIMPLA The neotropic species of Xanthopimpl |
| 4045 | Now can you spot those weeds. 4059 | (Hymenoptera: Ichneumonidae). |
| VISION Fundamental properties of intensity, form, and | Weeds mean waste Know your weeds and how to | 378. |
| motion perception in the visual nervous systems | control them. | YEASTS The effect of different funcicides on the years |
| of Calliphora, phaenicia and Musca domestica. | 4066 | The effect of different fungicides on the year flora during the treatment of grape vines. |
| VITAMIN A | Domestic quarantine notices. Witchweed. Regulated areas. | 432 |
| Vitamin A deficiency: Effect on retinal structure | 4067 | YELLOW DWARF |
| of the moth, Manduca sexta. | Chemical control of weeds in the Hungarian | Avoid yellow dwarf virus by late sowing. 398. |
| Intestinal histology of vitamin A deficient chicks | vineyards. In: collection of reports given at the International Herbicide Conference, Prague, | Aphids and virus in north Canterbury wheat |
| Intestinal histology of vitamin A deficient chicks. (Abstract). | June 21-24, 1966. | 1965-66 season. |
| 4113 | 4086 | 4040 |
| The efficacy of trans and cis vitamin A. (Abstract). | Chemical weed control problems in outdoor vegetable growing. | Insecticide granules and virus in autumn-sown wheat. |
| 4158 | vegetable growing. | 404 |
| | | |

| YOLK SAC Pinocytosis during vitellogenesis in the meal- | Geographic distribution of the ant genus Formica (Hymenoptera: Formicidae). | Todd (Cepidoptera: Noctuidae). 3781 |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| worm, Tenebrio molitor L. (Coleoptera, Tenebrionidae). | A new click beetle of the genus Agriotes Esch. | Sphecoidea from the Ryukyus and Formosa (Hymenoptera). |
| 3789 | (Coleoptera, Elateridae) from Soviet central | (Hymenoptera). 3783 |
| ZETHES PEPLARIA Conodontis peplaria Geyer, a noctuid, not a | Asia. 3751 | Materials to the knowledge of the scale insects |
| geometrid (Lepidoptera). | On the Orthopterous fauna in the south of the | fauna of Yugoslavia (Homoptera, Coccoidea). 3786 |
| 3762 | Krasnoyarsk Territory. | New species of Hypera (Coleoptera, Curcu- |
| ZINC Zinc toxicity and vitamin D for chicks. (Ab- | 3754 Notes on the Chrysomelidae from Taiwan I. | lionidae) from the Crimean Mountains. |
| stract). | 3755 | On the occurrence and seasonal dynamic of Dip- |
| ZINC ISOTOPES | Papilionoidea and Hesperioidea (Lepidoptera) | tera, Tachinidae in the reservation area of Jasov. |
| Influence of various chelating agents on absorp- | of the virgin forest of Bialowieski. | 3808 Occurrence of the species Trichocladius trifascia |
| tion of 60Co, 59Fe, 54Mn, and 65Zn by chickens. | On the status of Cresson's Stenophasmus species | Edwards (Chironomidae, Diptera) in the |
| 4105 | from Cuba (Hymenoptera: Braconidae: Doryctinae). | Danube. 3816 |
| Effect of prolonged infection by intestinal coc- | 3759 | European species of the genus Myospila Rond. |
| cidia upon zinc-65 and oleic acid absorption in broilers. (Abstract). | The palearctic species of Megatoma Herbst | (Dipt., Muscidae). |
| 4250 | (Coleoptera, Dermestidae). 3760 | 3823 Remarks on fluctuations in density of Carabidae |
| ZINC SULFATE Changes in insecticide sensitivity in the bean | Taxonomy and distribution of the palearctic | populations. |
| weevil Acanthoscelides obtectus Say, brought | Nemapogon species (Lepidoptera, Tineidae). 3761 | 3824 |
| about by induced pigment formation. 3867 | The colonization of Lake Constance with | Faunal and ecological study on the families Nycteribiidae and Streblidae (Dipt., Pupipara) of the |
| ZINEB | Chironomidae. | Nangahar Province (Eastern Afghanistan). |
| Diseases and parasites of the rose. 3956 | Ecological and systematic investigations of the | Review of the parasitic Diptera of the genus |
| ZOO ANIMALS | Chironomidae (Diptera) of Lake Constance. A | Eriothrix meigen (Diptera, Tachinidae) in the |
| Investigations on Coccidia in zoo ruminants. | contribution to the lake chironomide fauna of the northern foothills of the Alps. | USSR. 3838 |
| ZOOGEOGRAPHY 4195 | 3766 | The insect fauna in the burrows of the long- |
| Studies on the Crambinae (Lepidoptera). Part | Fauna of the Heteroptera on town waste neopedon of the Prague periphery. | clawed mole-vole, a Caucasian endemic species. |
| 44. New Neotropical genera and species. Preliminary check-list of Neotropical Cram- | 3767 | 3845 New data on the biology of caddisflies (Trichop- |
| binae. | A contribution to the genus Mantis Linne and | tera, Limnephilidae, Apataniinae) of Lake Bai- |
| 3741 Contributions to the knowledge of Analgesoidea | Paramantis, nov. (Mantidae). | cal. I. Life span and mass flight of adults. |
| of Czechoslovakia. | Fauna and ecology of mosquitoes in the southern | The behavior of adults of abundant species of |
| 3743 | part of the Moscow district. | caddisflies (Trichoptera) in the tributaries of |
| Contribution to the fauna of the Congo (Brazzaville). Mission of A. Villiers and A. Descarpen- | Supplementary communication concerning the | Lake Sevan. 3852 |
| tries. XLV. Coleoptera Ochodaeidae. | occurrence of Caradrina kadenii Frr. | A contribution to the bionomy of Culex |
| Climate and the phylogeny and distribution of | (Lep.Noct.) in Switzerland. | modestus Fic. (Diptera, Culicidae) in southern Moravia. |
| Tabanidae. | Collembola fauna of Malta. | 3855 |
| 3746 | Three new species of Eriophyid mites | Distribution of seed beetles (Coleoptera, Bruchidae) in the forest-steppe zone of the East- |
| Catalog of the Coleoptera of Angola. 3747 | Three new species of Eriophyid mites (Acariformes: Eriophyidae, Rhyncaphytoptidae) | ern Ukraine. |
| Three new records of the genus Phanaeus from | from Poland. | 3869 |
| Georgia (Coleoptera: Scarabaeidae). | New distribution records for Meropleon titan | Golden nematode found in Delaware. 4056 |
| 57.10 | The second secon | 1000 |



BIOGRAPHICAL INDEX

| Adiyodi, K G Kerala Univ., Trivandrum, India; Dept. of Zoology 3788 | Baldacci, E Osservatorio per le Malattie delle Piante, Milan, Italy | Bodnaryk, R P National Inst. of Health, Bethesda, Md.; Lab. of Physical Biology |
|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Adler, H E California Univ., Davis; Dept. of Epidemiology and Preventive Medicine 4108 | Baldacci, E Milan Univ., Italy; Istituto di Patologia Vegetale 4060 | Boerema, G H Plantenziektenkundige Dienst, Wageningen, Netherlands |
| Aggarwal, S K Michigan State Univ., East Lansing; Dept. of Zoology 3789 | Ballantyne, B Department of Agriculture, Rydalmere, Australia; Biology Branch 3941 | Bohm, H Bundesanstalt fur Pflanzenschutz, Vienna, Austria 4033 |
| Aidley, D J Oxford Univ., England; Dept. of Zoology 3791 | Balloun, S L lowa State Univ. of Science and Technology, Ames; Dept. of Poultry Science | Bohm, K H Tierarztliche Hochscule, Hanover, West Germany; Institut fur Mikrobiologie und Tierseuchen |
| Allan, W C Guelph University; Ontario Agricultural College; Dept. of Zoology | Bavenboer, L Research Station for Fruit and Vegetable Growing under; Glass, Naaldwijk, Netherlands | Borgo, G D Washington State Univ., Pullman; Dept. of Animal Sciences |
| Allen, H W Academy of Natural Sciences, Philadelphia, Pa.; Dept. of Entomology 3793 | Bayer, R C Vermont Univ., Burlington; Dept. of Poultry Science | Bots, G T A M Central Inst. for Nutrition and Food Research TNO, Zeist,; Netherlands |
| Alloway, T M Northwestern Univ., Evanston, III.; Dept. of Psychology 3794 | Beament, J W L Cambridge Univ., England; Dept. of Zoology 3800 | Bowers, W S Agricultural Research Service, Beltsville, Md.; Insect Physiology Lab. |
| Allred, D M Brigham Young Univ., Provo, Utah 4267 | Beer, J Humboldt Univ., Berlin, East Germany; Institut fur Mikrobiologie und Tierseuchenlehre | Boyes, J W McGill Univ., Montreal, Quebec; Dept. of Genetics |
| Ambo, K Tohoku Univ., Sendai, Japan; Dept. of Animal Husbandry | Belli, G Centro Nazionale SUI Virus dei Vegetali del | Brigham, R D Texas A. and M. Univ., Lubbock |
| Anderson, J L Utah State Univ., Logan | C.N.R.,; Italy 3942 Benes, K Charles Univ., Prague, Czechoslovakia; Chair for | Brown, H D Forest Service, Pineville, La.; Div. of Forest Pest Control |
| Anderson, R J Department of Agriculture, Washington, D. C.; Agricultural Research Service | Systematic Zoology Benitez, J A | Brown, S W California Univ., Berkeley; Dept. of Genetics 3894 |
| Anderson, R J Department of Agriculture, Washington, D. C.; Agricultural Research Service | Nacional Univ. del Nordeste, Corrientes, Argentina; Facultad de Agronomia y Veterinaria 4115 Bennett, F D | Bruckbauer, H Landes-Lehr und Forschungsanstalt für Wein-und Gartenbau,; Neustadt/Weinstrasse, West Germany 3948 |
| Andrianova, N S Moscow State Univ., USSR; Dept. of Entomology | Commonwealth Institute of Biological Control, Bermuda 3802 | Buck, W B lowa State Univ., Ames; Veterinary Diagnostic Lab. |
| Anthon, E W Washington State Univ., Pullman; Tree Fruit Experiment Station | Beran, F Bundesanstalt fur Pflanzenschutz, Vienna, Austria 3803 Beran, F Bundesanstalt fur Pflanzenschutz, Vienna, Austria | Bukovac, M J Michigan State Univ., East Lansing; Dept. of Horticulture |
| Arthur, J A Hy-Line Poultry Farms, Johnston, Iowa; Research Dept. | Bergman, B H H Laboratory for Flowerbulb Research, Lisse, Netherlands | Bukovac, M J Michigan State Univ., East Lansing 4318 |
| Askew, R R Manchester Univ., England; Dept. of Zoology 3797 | 3943 Betto, E Milan Univ., Italy; Istituto di Patologia Vegetale | Burcham, L T 4701 Crestwood Way, Sacramento, Calif. 95822 Burks, B D |
| Aulakh, K S Punjab Agricultural Univ., Ludhiana, India; Dept. of Plant Breeding | Bierer, B W Clemson Univ., S. C.; Dept. of Poultry Science | Agricultural Research Service, U. S. National Museum,; Washington, D. C.; Systematic Entomology Lab. |
| Avens, J S Colorado State Univ., Fort Collins; Dept. of Poultry Science | Bigland, C H Saskatchewan Univ., Saskatoon; Dept. of Veterinary Microbiology | Butterworth, F M Oakland Univ., Rochester, Mich.; Dept. of Biology 3895 |
| Awoderu, V A Federal Dept. of Agricultural Research, Ibadan, | Bill, S M State Rivers and Water Supply Commission, Victoria,; Australia | Byford, W J Broom's Barn Experimental Station, Higham, Bury St. Edmonds,; England 3949 |
| Nigeria; Plant Pathology Div. 3936 Balazs, I Chile Univ. School of Medicine, Santiago; Chair of | Bird, G W Canada Dept. of Agriculture, Harrow, Ontario; Research Station | Cals, P Paris Univ., France; Laboratoire de Zoologie Calston, A W |
| Chemistry 3798 Balazy, S Vetedre Cohrony Leav WSB, Borner Beland | Bird, G W Canada Dept. of Agriculture, Harrow, Ontario; | Yale Univ., New Haven, Conn.; Dept. of Biology Calvert, C C |
| Katedra Ochrony Lasu WSR, Poznan, Poland 3799 Baldacci, E Milan Univ., Italy; Istituto di Patologia Vegetale | Research Station 4047 Bitman, J Department of Agriculture Releville, Md : Apinal | Agricultural Research Center, Beltsville, Md.; Poultry Research Branch 4123 |
| Baldacci, E Milan Univ., Italy; Istituto di Patologia Vegetale | Department of Agriculture, Beltsville, Md.; Animal Husbandry Research Div. 4095 Bleszynski, S | Camenzind, R Zoologisches Inst. der E. T. H. zurich, Switzerland Campbell, C H |
| Baldacci, E Milan Univ., Italy; Istituto di Patologia Vegetale | Polish Academy of Sciences, Krakow; Inst. of Systematic Zoology 3741 | Agricultural Research Service, Greenport, Long Island, N. Y.; Plum Island Animal Disease Lab. 4124 |
| Baldacci, E Osservatorio per le malattie delle Piante, Milan, Italy; Sezione Patologia Vegetale | Bockmann, H Biologische Bundesanstalt, Kiel-Kitzeberg, West Germany; Institut für Getreide-, Olfrucht-und; Fut- | Carle, P Institut national de la Recherche agronomique, Avignon,; France; Station de Recherches forestieres |
| 3940 | terpflanzenkrankheiten 3912 | forestieres 4034 |

BIOGRAPHICAL INDEX

Carlson, S D

| Carlson, S D Virginia Polytechnic Inst., Blacksburg; Dept. of E- tomology | 3812 | Enigk, K Tierarztliche Hochscule, Hanover, West German Institut fur Parasitologie |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Carter, J C Illinois Natural History Survey, Urbana | 1404 Shirley Court, Lake Worth, Fla. | Epps, J M Agricultural Research Service, Jackson, Tenn |
| Casinovi, C G Istituto Superiore di Sanita, Rome, Italy, Lab. Chimica Biologica | Bialystok Medical Academy, Poland; Dept. of | Crops Research Div. 404 Epps, J M |
| Cedro, V C F Instituto Nacional de Tecnologia Agropecuari | 4 Dahlgren, R R Ralston Purina Co., St. Louis, Mo.; Veterinary | Agricultural Research Service, Jackson, Tenn Crops Research Div. 405 Epstein, A H |
| Buenos; Aires, Argentina; Instituto de Žoonosis Cedro, V C F | 6 Damiano, S Naples Univ., Italy; Istituto di Patologia Generale e | Iowa State Univ., Ames; Dept. of Botany and Plan Pathology 395 |
| Instituto Nacional de Tecnologia Agropecuari Buenos; Aires, Argentina; Instituto de Zoonosis 412 | n, Anatomia Patologica 7 Damiano, S 4137 | Ertlova, E Slowakischen Akademie der Wissenschafter Bratislavia; Hydrobiologische Abteilung |
| Cengiz, A Zirai Mucadele Enstitusu, Adana, Turkey; Virolo Lab. 395 | 4138 | Fairchild, G B Gorgas Memorial Lab., Panama |
| Cepelak, J Vysokej skoly polndhospodarskej, Nitr Czechoslovakia; Katedra Zoologie | Naples Univ., Italy; Istituto di Patologia Generale e | Farley, R D California Univ., Riverside; Dept. of Life Sciences |
| Cerny, V Czech Academie of Sciences, Prague; Dept. | 8 Damron, B L Florida Agricultural Experiment Station, | Fenwick, D W Trinidad and Tobago Coconut Research Ltd. |
| Parasitology Cerny, V | 4139 | Ferreira, M C Instituto de Investigacao Cientifica, Lourenc |
| Czechoslovak Academy of Sciences, Prague; Insof Parasitologi 426 | t. ry; Science, Ulan Bator, Mongolia 3744 | Marques,; Mozambique 374 Fincher, G T |
| Challey, J R Richardson-Merrell Inc., Ashland, Ohio; Section Parasitology | 4140 | Department of Agriculture, Tifton, Ga.; Anima Disease and Parasite Research Lab. |
| Chaloupka, G W Delaware Univ., Georgetown; Substation | Research Inst. for Corn Culture, Trnava, Czechoslovakia | Fisher, H Rutgers-State Univ., New Brunswick, N. J.; Dep of Nutrition 414 |
| Charles, O W Georgia Univ., Athens; Dept. of Poultry Science 413 | Decelle, J Musee royal de l'Afrique centrale, Tervuren, Belgi- | Fleischmann, G Canada Dept. of Agriculture, Winnipeg, Manitoba Research Station |
| Cherednikov, A V Leningrad State Univ., USSR; Dept. of Entomolog | y Dingle, H | Flint, O S Smithsonian Inst., Washington, D. C.; Dept. of Er |
| Chew, C F Agricultural Research Service, Las Cruces, Mex.; Crops Research Div. | Agricultural Academy, Warsaw, Poland; Faculty of | tomology Forsberg, J L |
| Chiapparini, L Osservatorio per le Malattie delle Piante, Mila Italy, Sezione Patologia Vegetale | 4320 | Illinois Natural History Survey, Urbana Forsyth, A A Classes Vetering Cell, Seetland |
| Cho, Y Auburn Univ., Ala.; Agricultural Experiment St. | 3 Inst. 4270 - Donnellan, J. F | Glasgow Veterinary Coll., Scotland 430 Gagne, R J Agricultural Research Service, U. S. Nationa |
| tion 413 Clady, M D | Woodstock Agricultural Research Centre, Sitting- | Museum,; Washington, D. C.; Systematic Er tomology Lab. |
| Michigan Dept. of Natural Resources, Ann Arbo Inst. for Fisheries Research | Department of Agriculture, Tamworth, Australia 4065 | Galati, P Naples Univ., Italy; Istituto di Patologia Generale Anatomia Patologica |
| Close, R C Department of Scientific and Industrial Research New Zealand 395 | zerland | Gaprindashvili, N K Ministry of Agriculture of the Georgian SSSR |
| Cole, H Pennsylvania State Univ., University Park; Dept. of Plant Pathology | Dykova, I | Tbilisi; Plant Protection Inst. 381 Gardiner, E E |
| Compagnucci, M Naples Univ., Italy; Istituto di Malattie Infettivo | 4 4271 Edgar, S A | Canada Dept. of Agriculture, Lethbridge, Alberta Research Station 415 Gerola, F M |
| Profilassi e Polizia; Veterinaria Compagnucci, M | Edgar, S A | Milan Univ., Italy; Laboratorio di Botanica II Getsova, A B |
| Naples Univ., Italy; Istituto di Malattie Infettivo Profilassi e Polizia; Veterinaria Cook, B J 413 | tion | USSR Academy of Sciences, Leningrad; Zoologica Inst. 382 |
| Agricultural Research Service, Fargo, N. Dak Metabolism and Radiation Research Lab. | ; Auburn Univ., Ala.; Agricultural Experiment Station | Gibbs, A J Australian National Univ., Canberra; John Curtin School of Medical Research |
| Corstvet, R E Oklahoma State Univ., Stillwater; Dept. o Parasitology and Public Health | Eggenhofer, R J f Munich Univ., West Germany; Institut fur Tierhygiene | Glaeser, G Bundesanstalt fur Pflanzenschutz, Vienna, Austria |
| Cottier, G J Auburn Univ., Ala.; Agricultural Experiment Station | Eidson, C S | Glotoff, N W Academy of Medical Sciences, Obnisk, USSR; Inst of Medical Radiology |
| | | 200 |

| Goble, H W Guelph University; Ontario Agricultural College; Dept. of Zoology | Henry, J E Agricultural Research Service, Bozeman, Montana; Entomology Research Div. | Joly, L Faculte de Sciences, Strasbourg, France; Lab. de Biologie generale |
|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Goldberg, E Northwestern Univ., Evanston, Ill.; Dept. of Biological Sciences | Hiepe, T Humboldt Univ., Berlin, East Germany; Institut fur Parasitologie und Veterinaermedizinische: | Joly, R Faculte des Sciences, Lille, France; Lab. de Zoologie |
| Gomec, B Turkish Ministry of Agriculture, Izmir; Crop | Zoologie 4273 Hocking, D | Jones, E L Research Station, Yanco, Australia |
| Research and Introduction Center 3961 Gothe, R Justus Liebig-Univ., Giessen, West Germany; Inst. | Calgary, 132 Ninth Avenue S. W., Alberta 3967 Hodges, C F Iowa Agriculture and Home Economics Experi- | Jones, J P Gulf Coast Experiment Station, Bradenton, Fla. 3974 |
| fur Parasitologie und Parasitare Krankheiten der; Tiere 3822 Grant, C A | ment Station,; Ames; Dept. of Horticulture and Agronomy 3968 | Kahlert, K Bayerische Landesanstalt für Bodenkultur, Pflanzenbau und; Pflanzenschutz, Munich, West Ger- |
| Karolinska Sjukhuset, Stockholm, Sweden; Dept. of Pathology 4152 | Homme, P J Wisconsin Univ., Madison; Dept. of Veterinary Science 4157 | many; Amtliche Pflanzenbeschau (Einfuhr) 3918 Kandybina, M N USSR Academy of Sciences, Leningrad; Zoological |
| Green, G J Canada Dept. of Agriculture, Winnipeg, Manitoba; Research Station 3962 | Hooper, F G Texas A. and M. Univ., College Station; Dept. of Poultry Science | Inst. 3833 Katayama, E 1780 22 Shimoichigami Otovora City Tochigi |
| Gregg, R E Colorado Univ., Boulder; Dept. of Biology 3750 | Horn, A von Pflanzenschutzamt Hannorer, Braunschweig, West Germany; Bezirksstelle | 1780-32, Shimoishigami, Otawara City, Tochigi, Japan 3834 Kawakawi, T G |
| Gregor, F Czech Academy of Sciences, Prague; Inst. of Parasitology 3823 | Hosford, R M North Dakota State Univ., Fargo; Dept. of Plant | California Univ., Davis; Dept. of Clinical Sciences 4164 Kawano, T |
| Griffin, G D Agricultural Research Service, Logan, Utah; Crops Research Div. | Pathology 3970 Howland, R M Bureau of Sport Fisheries and Wildlife, La Crosse, | Nagoya Univ., Japan; Lab. of Applied Entomology and Nematology 3835 Keelev, L L |
| Grum, L Polish Academy of Sciences, Warsaw; Inst. of | Wis.; Fish Control Lab. 4097 Hunter, J E | Texas A and M Univ., College Station; Dept. of Entomology 3836 |
| Gur'yeva, Y L USSR Academy of Sciences, Leningrad; Inst. of | Hawaii Univ., Honolulu; Dept. of Plant Pathology 3971 Hunziker, P Burenweg 38, Birsfelden, Switzerland | Kerr, K M Texas A. and M. Univ., College Station; Dept. of Veterinary Pathology 4165 |
| Zoology 3751 Gusic, V I Bucharest Univ., Rumania; Faculte de Biologie | 3828 Hurka, K Charles Univ., Prague, Czechoslovakia; Chair for | Khan, M A Q Rutgers Univ., New Brunswick, N. J.; Dept. of Entomology and Economic Zoology |
| Gyles, N R Arkansas Univ., Fayetteville; Dept. of Animal | Systematic Zoology Hurka, K | Kimoto, S Kyushu Univ., Hikosan, Japan; Hikosan Biological Lab. |
| Sciences 4153 Habu, A | Charles Univ., Prague, Czechoslovakia; Chair of Systematic Zoology Ichinose, T 3829 | Kingsolver, J M Agricultural Research Service, U. S. National |
| National Inst. of Agricultural Sciences, Tokyo, Japan 3825 Hague, P H | Tokyo Univ. of Agriculture and Technology, Japan; Lab. of Entomology 3898 | Museum,; Washington, D. C. 3756 Klos, E J Michigan State Univ., East Lansing; Dept. of |
| Huntingdon Research Centre, England; Dept. of Pathology 4154 | Ikeno, N Kyoto Univ., Japan; Entomological Lab. Iren, S 3830 | Botany and Plant Pathology Kocurik, S 3975 |
| Hajj, R N North Dakota State Univ., Fargo; Dept. of Animal Science | Ankara Univ., Turkey; Ziraat Fakultesi Bitki Koruma 4036 | Veterinarskej Fakulty VSP, Kosice, Czechoslovakia; Katedra Rastlinnej Vyroby 4322 Kohli, S P |
| Hakkaart, F A Research Station for Floriculture, Aalsmeer, Netherlands; Inst. for Phytopathological Research | Ivanova, I V Abakan Pedagogical Inst., USSR Jeddicke, K 3754 | Indian Agricultural Research Inst., New Delhi; Div. of Genetics 3977 |
| Halisky, P M Rutgers Univ., New Brunswick, N. J.; Coll. of Agriculture and Environmental Science | Tierarztliches Institut, Gottingen, West Germany; Klinik 4160 | Kok-Doorschodt, H J van K National Inst. of Public Health, Utrecht, Netherlands |
| 3964 Haney, J G International Harvester Co., Grand Fork, N. D.; | Jensen, L S Washington State Univ., Pullman; Dept. of Animal Sciences | Koller, M Public Health Station, Debrecen, Hungary; Virus Lab. |
| Demonstration Farms 4066 Hanlin, R T Georgia Univ., Athens; Dept. of Plant Pathology | Joffe,a Z Hebrew Univ., Jerusalem, Israel; Dept. of Botany 3973 | Kolman, J M Czechoslovak Academy of Sciences, Prague; Inst. of Parasitology |
| and Plant Genetics 3965 Harms, R H Florida Agricultural Experiment Station, | Johnson, C A Richardson-Merrell Inc., Ashland, Ohio; Section of Parasitology 4162 | Kolomiyets, N G Siberian Div. of the USSR Academy of Sciences,; Novosibirsk; Inst. of Biology |
| Gainesville; Dept. of Poultry Science 4156 Hayashi, A | Johnson, C A Richardson-Merrell Inc., Ashland, Ohio; Section of Parasitology | 3838 Konar, S K Bihar Univ., Muzaffarpur, India; Dept. of Zoology |
| Nagoya Univ., Japan; Faculty of Agriculture 3826 Henner, J Bundesanstalt fur Pflanzenschutz, Vienna, Austria | Johnston, F A Agricultural Research Service, Washington, D. C.; | Kondra, P A Manitoba Univ., Winnipeg, Dept. of Animal Science |
| 3966 | Plant Quarantine Div. 4067 | 4169 |

Kosaka, K

| Kosaka, K Japan Meat Processors Assoc., Shibuya-ku, Tokyo 4285 | Lohr, K F Veterinary Research Lab., Kabete, Kenya 4183 | Metlitsky, L V USSR Academy of Sciences; Bach Inst. of Biochemistry |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Kosztarab, M Virginia Polytechnic Inst., Blacksburg; Dept. of Entomology | Lori, R D National University M. E., Argentina; Facultad de Agronomia y Veterinaria | 3985 Meyer, G B Wisconsin Univ., Madison; Dept. of Poultry |
| Kozera, W | 4184 Lowe, A D | Science 4193 |
| Katedra Hodowli Roslin i Nasiennictwa Wyzszej Szkoly; Rolniczej, Cracow, Poland | Department of Scientific and Industrial Research,; New Zealand 3981 | Michel, J F Central Veterinary Lab., Weybridge, England 4276 |
| Kralovic, J Slovak Academie of Sciences, Ivanke pri Dunaji; | Lyayster, Y A Leningrad Agricultural Inst., Pushkin, Leningrad | Miczulski, B Katedra Ochrony Roslin WSR, Lublin, Poland |
| Ustav experimentalnej fytopatologie a entomologie 3839 | Province,; USSR 3845 | 3853 Miller, D D Nebraska Univ., Lincoln; Dept. of Zoology |
| Krasienikov, N A Moskovskii Gosudarstvennyi Universitet im. M. V.; Lomonosova, USSR | Lyon, R J Los Angeles City Coll., Calif.; Dept. of Life Sciences | Miller, D R |
| Krishnamoorthi, T | MacKenzie, G H | Department of Agriculture, San Francisco, Calif., Forest Service |
| Tobacco Research Station, Vedasandur, Madras State, India | West of Scotland Agricultural Coll. 4069 | Miller, J F Georgia Univ., Athens; Cooperative Extension Ser- |
| Krzywicki, M | Mainland, C M Rutgers-The State Univ., New Brunswick, N. J. | vice 4070 |
| Polska Akademia Nauk, Warsaw, Poland; Instytut Zoologiczny 3758 | Mal'chenkova, N I | Miller, J F Georgia Univ., Athens; Cooperative Extension Ser- |
| Kubin, M Tuberculosis Research Inst., Prague, | Moldavian Academy of Sciences, Kishinev, USSR; Inst. of Zoology | vice 4071 |
| Czechoslovakia; Tuberculosis Diagnostic Reference Lab. | Martinovsky, J | Minar, J Czechoslovak Academy of Sciences, Prague; Inst. |
| Kumar, M C | Czechoslovak Entomological Society, Prague | of Parasitology 3854 |
| Minnesota Univ., St. Paul; Dept. of Veterinary Microbiology and Public Health | Marusich, W L Hoffman-La Roche Inc., Nutley, N. J.; Chemical | Minar, J Czechoslovak Academy of Sciences, Prague; Inst. |
| Kurcheva, G F | Research Div. | of Parasitology 3855 |
| USSR Academy of Sciences, Moscow; Severtsov Inst. of Animal Morphology | Mathieu, D Illinois Univ., Urbana; Dept. of Animal Science 4187 | Minck, K Munich Univ., West Germany; Zoologisch- Parasitologisches Institut |
| Kuwahara, Y | Matthews, R W Georgia Univ., Athens; Dept. of Entomology | Mitrovic, M |
| Kyoto Univ., Japan; Coll. of Agriculture | Mauman, R K | Hoffman-La Roche Inc., Nutley, N. J.; Chemical Research Div. |
| Lambat, A K Indian Agricultural Research Inst., New Delhi 3920 | Massachusetts Univ., Amherst; Dept. of Microbiology | Mitrovic, M |
| Lamina, J Johann Wolfgang Goethe-Univ., Frankfurt am | Mayer, H F | Hoffman-La Roche Inc., Nutley, N. J.; Chemical Research Div. |
| Main, Wgst; Germany; Inst. fur Zoonosen- forschung | Nacional Univ. del Nordeste, Corrientes, Argentina; Facultad de Agronomia y Veterinaria | Mohamed, Y S |
| Lanier, L | Mayer, K | Ohio Agricultural Research and Development Center, Wooster; Dept. of Veterinary Science 4198 |
| Institut national de la Recherche agronomique, Nancy,; France; Laboratoire de Pathologie | Biologische Bundesanstalt fur Land-und Forst- wirtschaft; Berlin-Dahlem west Germany; Institut fur Zoologie | Mohrig, W Ernst Moritz Arndt Univ., Greifswald, East Ger- |
| Lauge, G Orsay Univ., France; Laboratoires de Zoologie et | 3848 Mayr, E | many; Zoologisches Institut 3856 |
| d'Entomologie 3842 | Harvard Univ., Cambridge, Mass. | Moolani, M K Punjab Aricultural Univ., Hissar, India; Dept. of Agronomy |
| Lea, A O Florida State Board of Health, Vero Beach; En- | McCann, G D California Inst. of Technology, Pasadena; Willis H. | Moran, E T |
| tomological Research Center 3843 | Booth Computing Center 3849 | Guelph Univ., Ontario; Dept. of Poultry Science 4199 |
| Ley, H L Food and Drug Administration, Washington, D. C. 4176 | McFadden, L A New Hampshire Univ., Durham; Plant Science 3982 | Motoyoshi, F Institute for Plant Virus Research, Aoba-cho, |
| Ley, H L Food and Drug Administration, Washington, D. C. | McGillivary, J J International Minerals and Chemical Corp., | Chiba, Japan 3987 |
| Likhachev, N V | Libertyville,; Ill.; Growth Sciences Center 4190 | Moubry, R J Wisconsin Dept. of Agriculture, Madison; General Lab. Div. |
| Gosudarstvennyi Nauchno-Kontrol'nyi, Moscow, USSR; Institut Veterinarnykh Prenaratov | McGlohon, N E Georgia Univ., Athens; Cooperative Extension Ser- | Mroczkowski, M |
| Lincoln, S D | vice 3983 | Instytut Zoologiczny PAN, Warsaw, Poland 3760 |
| Washington State Univ., Pullman; Dept. of Veterinary Pathology 4182 | McVicar, J W Agricultural Research Service, Greenport, N. Y.; Plum Island Animal Disease Lab. | Mukhopadhyay, S K Kalyani Univ., West Bengal, India; Coll. of Agricul- |
| Lipa, Y Y Plant Protection Inst., Poznan, Poland | Menge, H | ture 4076 |
| Locci, R 3844 | Agricultural Research Service, Beltsville, Md.; Poultry Research Branch | Mulholland, R I Department of Scientific and Industrial Research,; New Zealand |
| Milan Univ., Italy; Istituto di Patologia Vegetale 3980 | Menshutkina, T V | Mulholland, R I |
| Locci, R Milan Univ., Italy; Istituto di Patologia Vegetale | USSR Academy of Sciences, Listvenichnoye Village, Irkutsk; Province; Limnological Inst. | Department of Scientific and Industrial Research,; New Zealand |
| Loftfield, R B | Meshkova, A M | Murphy, C D |
| New Mexico Univ. School of Medicine, Albuquerque | Armenian Academy of Sciences, Sevan, USSR; Sevan Hydrobiological Station | Texas A. and M. Univ., College Station; Dept. of Veterinary Microbiology |
| 4339 | 3852 | 4201 |

| Manhattan Coll., Bronx, N. Y.; Lab. of Plant Morphogenesis | Oklahoma State Univ., Stillwater; Coll. of Veterinary Medicine | Muslim Univ., Aligarh, India; Dept. of Zoology 3866 |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Nagasawa, S | Pantyukhov, G A | Rahim, A |
| Ihara Agricultural Chemicals Inst., Shimizu, Japan 3857 | USSR Academy of Sciences, Leningrad; Zoological Inst. | Pakistan Inst. of Cotton Research and Technology, Karachi 4283 |
| Nagy, L K Glasgow Univ. Veterinary Hospital, Bearsden, Scotland 4202 | Parkhurst, R T Department of Agriculture, State College, Miss.; South Central Poultry Research Lab. | Rai, J N Lucknow Univ., India; Microbiology Lab. |
| Nakamura, S Sericultural Experiment Station, Suginami-ku, Tokyo, Japan | Peacher, P H Forest Service, Pineville, La.; Div. of Forest Pest | Raines, T V Norwich Pharmacal Co., N. Y.; Div. of Veterinary Research 4218 |
| 3858 Netke, S P | Control 3992 | Rattink, H |
| Illinois Univ., Urbana; Dept. of Animal Science 4203 Neururer, H | Pendergrass, A Cornell Univ., Ithaca, N. Y.; Dept. of Vegetable | Research Station for Arboriculture, Boskoop, Netherlands; Inst. for Phytopathological Research 3925 |
| Bundesanstalt fur Pflanzenschutz, Vienna, Austria 4078 | Crops 4327 Penn, R P | Razowski, J Polish Academy of Sciences, Krakow; Inst. of Systematic Zoology |
| Neururer, H Bundesanstalt fur Pflanzenschutz, Vienna, Austria | Georgia Univ., Athens; Dept. of Poultry Science 4100 | Reichmuth, W |
| Neururer, H Bundesanstalt fur Pflanzenschutz, Vienna, Austria 4343 | Pensack, J M American Cyanamid Co., Princeton, N. J.; Agricul- tural Div. | Biologische Bundesanstalt fur Land-und Forst- wirtschaft,; Berlin-Dahlem, West Germany; Institut Fur Zoologie |
| Newton, M | Perey, D Y E | Reiss, F |
| Oregon State Univ., Corvallis; Forest Research Lab. | Minnesota Univ., Minn.; Dept. of Pediatrics and Surgery 4213 | Max Planck Institut fur Limnologie, Plon, West Germany; Abteilung Tropenokologie |
| Nielsen, J Canada Dept. of Agriculture, Winnipeg, Manitoba; | Petermann, U B Eidgenossische Technische Hochschule, Zurich, | Reyes, A A |
| Research Station 3989 Ninan, T | Switzerland; Zoologisches Institut 3902 | Canada Dept. of Agriculture, Vineland Station, Ontario |
| Michigan State Univ., East Lansing; Dept. of Crop Science | Petersen, G Werlseestrasse 5, Berlin-Friederichshagen, East | Ribeiro, R L D Universidade Federal Rural, Rio de Janeiro, Brazil; |
| Nishizawa, R | Germany 3761 | Departamento de Biologia Vegetal 3997 |
| Osaka Ikuno High School, Ikuno-ku, Japan 3990 | Peterson, I L Kimber Farms Inc., Fremont, Calif. | Rizki, T M Michigan Univ., Ann Arbor; Dept. of Zoology |
| Nockels, C F Colorado State Univ., Fort Collins; Dept. of | Pierson, C F | Roane, C W |
| Poultry Science 4204 | · Agricultural Research Service, Wenatchee, Wash.; Market Quality Research Div. | Virginia Polytechnic Inst., Blacksburg; Dept. of Plant Pathology and Physiology |
| Nott, H Maryland Univ., College Park; Dept. of Poultry | Pilet, C Ecole Nationale Veterinaire d'Alfort, France; | Roberson, R H |
| Science 4205 | Chair de Microbiologie 4301 | New Mexico Agricultural Experiment Station, Las Cruces; Dept. of Poultry Science |
| Novacek, E J South Dakota State Univ., Brookings; Dept. of Sta- | Pinet, J M Institut National Agronomique, Paris, France; Lab. | Roberts, T |
| tion Biochemistry 4206 | de Zoology 3862 | Food and Drug Administration, Washington, D. C.; Div. of Nutrition |
| Novacek, E J South Dakota State Univ., Brooking; Dept. of Sta- | Pinto, C A Smith Kline and French Lab., Philadelphia, Pa. | Roberts, T |
| tion Biochemistry 4207 | Pitman, G B | Food and Drug Administration, Washington, D. C.; Div. of Nutrition |
| Nur, U Rochester Univ., N. Y.; Dept. of Biology | Boyce Thompson Inst. for Plant Research, Inc., Yonkers,; N. Y. | Rola, J |
| Obel, A L | Plotnikova, S I | Institut for Agriculture, Fertilizers and Soil |
| National Veterinary Inst., Stockholm, Sweden; Dept. of Pathology | USSR Academy of Sciences, Leningrad; Sechenov Inst. of Evolutionary Physiology and Biochemistry | Science,; Wroclaw, Poland Ross, E 4081 |
| Oehme, F W | Poole, R W | Hawaii Univ., Honolulu; Dept. of Animal Sciences |
| Missouri Univ., Columbia; Dept. of Veterinary Physiology and Pharmacology 4312 | Cornell Univ., Ithaca, N. Y.; Dept. of Entomology 3762 | Roubal, J U 2. baterie 6, Prague 6, Czechoslovakia |
| Ohkawa, H Kyushu Univ., Kukuoka, Japan; Dept. of Agricul- | Powers, H R Forest Service, Athens, Ga.; Southeastern Forest | Rowland, L O |
| tural Chemistry 3859 | Experiment Station 3993 | Florida Agricultural Experiment Station, Gainesville; Dept. of Poultry Science |
| Ohnesorge, B Biologische Bundesanstalt fur Land-und Forst- | Prasad, V Wayne State Univ., Detroit, Mich.; Dept. of Biolo- | 4103 |
| wirtschaft,; Berlin-Dahlem, West Germany; Dienst- stelle fur Melde-und Warndienst | gy 3865 | Roy, R Institut Fondamental d'Afrique Noire, Dakar, |
| Olson, J D | Pulawski, W Instytut Zoologiczny UWR., Wrocław, Poland | Senegal; Laboratoire des Invertebres terrestres 3768 Rumsey, T S |
| Colorado State Univ., Fort Collins; Dept. of Poultry Science | Putnam, A R | Agricultural Research Service, Beltsville, Md.; Animal Husbandry Research Div. |
| Omar, M S Rernhard Nocht Inst. Hamburg West Germany | Michigan State Univ., East Lansing; Dept. of Horticulture | Russ, K |
| Bernhard-Nocht-Inst., Hamburg, West Germany 3860 | Quarles, C L Pennsylvania State Univ., University Park; Dept. of | Bundesanstalt fur Pflanzenschutz, Vienna, Austria 3740 |
| Otto, H W Esso Research and Engineering Co., Linden, N. J.; Products Research Div. | Poultry Science 4216 | Russ, K Bundesanstalt fur Pflanzenschutz, Vienna, Austria |
| Palmiter, D H | Radewald, J D California Univ. Agricultural Extension Service, | 3868 Russ, K |
| Hudson Valley Lab., Highland, N. Y. | Riverside; Dept. of Plant Pathology | Bundesanstalt fur Pflanzenschutz, Vienna, Austria 3926 |
| 3,,,, | 700 . | |

BIOGRAPHICAL INDEX

Rybalko, A P

| Rybalko, A P Kharkov State Univ., USSR; Dept. of Entomology 3869 | Schroeder, W T Cornell Univ., Geneva, N. Y.; Dept. of Plant Pathology | Sobrero, R Istituto Siervovaccinogeno, Merca, Somalia 4236 |
|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Rysavy, B Czechoslovak Academy of Sciences, Prague; Inst. | Schulten, G G M Royal Tropical Inst., Amsterdam, Holland; Dept. of | Sonda, G P Milan Univ., Italy; Facolta di Medicina Veterinaria 4237 |
| of Parasitology 4278 Saitoh, K History Larger Part of Riology | Agricultural Research Schwarz, R 3905 | Spalding, D H Agricultural Research Service, Beltsville, Md.; Market Quality Research Div. |
| Hirosaki Univ., Japan; Dept. of Biology | Entomological Society of Czechoslovakia, Prague 3873 | Spears, J F |
| Saly, A Komenskeho Univ., Bratislava, Czechoslovakia; Zoologicky ustav 4055 | Sevoian, M Massachusett's Univ., Amherst; Dept. of Veterinary and Animal Sciences | Agricultural Research Service, Hyattsville, Md., Plant Pest Control Div. |
| Samborski, D J Canada Dept. of Agriculture, Winnipeg, Manitoba; | Sevoian, M | Spencer, J V Washington State Univ., Pullman; Dept. of Animal |
| Research Station 3999 | Massachusetts Univ., Amherst; Dept. of Veterinary and Animal Sciences | Science 4238 |
| Sanford, P E Kansas State Univ., Manhattan; Dept. of Dairy and Poultry Science | Shahidi, A Missouri Univ., Columbia; Dept. of Zoology | Spradbrow, P B Queensland Univ., Brisbane, Australia; Dept. of Preventive Medicine |
| Sasakawa, M | Shank, F R 4232 | Springensguth, W |
| Kyoto Prefectural Univ., Japan; Lab. of Entomology 3769 | Maryland Univ., College Park; Dept. of Poultry Science | Landwirtschaftskammer Westfalen-Lippe, Munster, West; Germany; Lehr-und Versuchsan- stalt fur Bienenzucht |
| Satour, M M California University, Davis 4330 | Sharp, W R Ohio State Univ., Columbus; Faculty of Microbiology and Cell Biology | Srekajs, A Poljooskrba, Zagreb, Yugoslavia |
| Sauer, J R Tulane Univ., New Orleans, La.; Dept. of Biology | Sherwood, D H | Stach, J Polish Academy of Sciences, Krakow; Inst. of |
| Sauer, N G | Cooperative Research Farm, Talmo, Ga. 4234 | Systematic Zoology 3774 |
| Colorado State Univ., Fort Collins; Dept. of Poultry Science | Shevchenko, A K Kharkov State Univ., USSR; Biological Research Inst. | Stary, P Czechoslovak Academy of Sciences, Prague; Inst. of Entomology |
| Sauter, E A Idaho Univ., Moscow; Dept. of Poultry Science | 3874 Shigematsu, H | Starzycki, S |
| Sauter, E A | Sericultural Experiment Station, Suginami-ku, Tokyo, Japan | Pracownia Radiobiologii IHAR, Radzikow, Poland 4009 |
| Idaho Univ., Moscow; Dept. of Poultry Science | Shilenko, B V | Steel, W O University Museum, Oxford, England; Hope Dept. |
| Savage, S I Colorado State Univ., Fort Collins; Dept. of | Academy of Sciences of the USSR, Moscow; Inst. of General Genetics | of Entomology 3775 |
| Poultry Science 4314 | Siegl, G | Steele, J E University of Western Ontario, London, Canada; |
| Scalla, R Institut national de la Recherche agronomique, | Bern Univ., Switzerland; Inst. fur Hygiene und Medizinische Mikrobiologie | Dept. of Zoology State Priling A. A. |
| Dijon,; France; Station de Physiopathologie 4000 | Simmonds, F J | Stekol'nikov, A A USSR Academy of Sciences, Leningrad; Inst. of Zoology |
| Schaefer, C H California Univ., Fresno; Mosquito Control | Commonwealth Inst. of Biological Control | Stern, J R |
| Research Lab. 3871 | Singer, R H Agricultural Research Service, College Station, | Case Western Reserve Univ., Cleveland, Ohio; Dept. of Pharmacology |
| Schardein, J L Parke, Davis, and Co., Ann Arbor, Mich.; Dept. of | Tex.; Southwestern Veterinary Toxicology and Livestock Insects; Research Lab. | Stino, K R |
| Experimental Therapeutics 4226 | Singh, A B Abholi, Varanasi, Uttar Pradesh, India | Georgia Univ., Athens; Dept. of Poultry 4104 |
| Scheifele, G L Pennsylvania State Univ., University Park; Dept. of | Singh, D V | Stratman, F W Wisconsin Univ., Madison; Dept. of Meat and |
| Plant Pathology 4001 | Section of the Economic Botanist (Rabi Cereals) to; Government, Uttar Pradesh, Kanpur, India | Animal Science 4241 |
| Schenone, H Chile Univ., Santiago; Departamento de | Singh, G B | Stubbs, E L Pennsylvania Univ., Philadelphia; School of Veteri- |
| Parasitologia 4227 | Punjab Agricultural Univ., Hissar, India; Dept. of Agronomy | nary Medicine 4242 |
| Schenone, H Chile Univ., Santiago; Departamento de Parasitologia | Skilling, D D | Stusak, J M Agricultural Univ., Prague, Czechoslovakia; Forest Protection and Zoology Dept. |
| Schmidlin, A | Forest Service, St. Paul, Minn.; North Central Forest Experiment Station | Stute, W |
| Engeriedweg 7, Bern, Switzerland | Skilling, D D Forest Service, St. Paul, Minn.; North Central | 3041 Tewel, West Germany 4243 |
| Schnathorst, W C California Univ., Davis; Dept. of Plant Pathology | Forest Experiment Station 4007 | Sugahara, M Illinois Univ., Urbana; Dept. of Animal Science 4244 |
| Schneiderman, H A | Skopin, N G Kazakh Research Inst. of Plant Protection, Alma- | Sugi, S 14-12, Omori-Kita IV, Tokyo, Japan |
| Case Western Reserve Univ. 3872 | Ata, USSR 3772 | Sukhov, K S |
| Scholtyseck, E Bonn Univ., West Germany; Zoologisches Inst. 4229 | Smith, D R Agricultural Research Service, C/o U. S. National Museum,; Washington, D. C.; Systematic En- | USSR Academy of Sciences, Moscow; Inst. of General Genetics 4014 |
| Schonbeck, H Bundesanstalt fur Pflanzenschutz, Vienna, Austria | tomology Lab. 3773 | Sullivan, T W Nebraska Univ., Lincoln; Dept. of Poultry Science |
| Schreier, O | Smith, J P Texas A and M Univ., College Station; Dept. of | Suso, F A Georgia Univ., Athens; Dept. of Poultry Science |
| Bundesanstalt fur Pflanzenschutz, Vienna, Austria 4042 | Veterinary Parasitology 4279 | 4105 |

| Symons, L E A Commonwealth Scientific and Industrial Research; Organization, Glebe, New South Wales, Australia; | Turk, D E Clemson Univ., S. C.; Dept. of Poultry Science | Weiss, E Munich Univ., West Germany; Inst fur Tier- pathologie |
|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Div. of Animal Health 4280 | Turk, D E Clemson Univ., S. C.; Dept. of Poultry Science | Wenner, A M |
| Szeptycki, A Polish Academy of Sciences, Krakow; Inst. of Systematic Zoology 3778 | Turkmenoglu, Z Bornova Zirai Mucadele Enstitusu, Izmir, Turkey; | California Univ., Santa Barbara; Dept. of Biological Sciences 3889 |
| Szulc, W Lodz Univ., Poland; Dept. of Systematic Zoology 3779 | Hast. Lab. 4252 Ubrizsy, G | Wensvoort, P Utrecht Univ., Netherlands; Dept. of Pathology 4107 |
| Takahashi, F Kyoto Univ., Japan; Coll. of Agriculture | Research Inst. for Plant Protection, Budapest, Hungary 4086 | Wenzl, H Bundesanstalt fur Pflanzenschutz, Vienna, Austria 4023 |
| Takahashi, S Y Nagoya Univ., Japan; Biological Inst. | Ulinich, A Institut po zernovym i tekhnicheskim Kul'turam,; Fundulya, Rumania | Wenzl, H Bundesanstalt fur Pflanzenschutz, Vienna, Austria 4024 |
| Takamiya, K Sericultural Experiment Station, Suginami-ku, Tokyo, Japan | Ullstrup, A J Purdue Univ., Lafayette, Ind.; Dept. of Botany and Plant Pathology | Werner, R A Southeastern Forest Experiment Station, Box 12254, Research; Triangle Park, N. C.; Forestry Sciences Lab. |
| Tamimie, H S | 4017 | 3890 |
| Galesburg State Research Hospital, Ill.; Thudichum Psychiatric Research Lab. | Vadehra, D V Cornell Univ., Ithaca, N. Y.; Dept. of Poultry Science | Westwood, M N Oregon State Univ., Corvallis; Dept. of Horticul- ture |
| Taylor, T H C | Valley, K | White, D S |
| Ministry of Overseas Development, London, England; Anti-Locust Research Centre | Cornell Univ., Ithaca, N. Y.; Dept. of Entomology 3885 | Department of Agriculture and Fisheries, Abbotstown,; Dublin; Veterinary Research Lab. |
| Telenga, N A Ukranian Research Inst. of Plant Protection, Kiev 3884 | Van Kampen, K R Agricultural Research Service, Logan, Utah 4304 | Wicker, E F Forest Service, Moscow, Idaho; Intermountain |
| Ternovskii, M F Vsesoyuznyi Institut Tabaka i Makhorki, | Van Sickle, G A Department /of Fisheries /and Forestry, Frederic- | Forest and Range Experiment Station 4025 Williams, D J |
| Krasnodar, USSR 4016 Thompson, O J | ton,; New Brunswick; Forest Research Lab. 4018 Verhoeff, K | Commonwealth Inst. of Entomology, British Muse- um, London,; England |
| South Dakota State Univ., Brookings; Dept. of Poultry Science 4247 | Institute of Phytopathological Research, Wageningen,; Netherlands 4019 | Wills, J R Southern Illinois Univ., Carbondale; Dept. of |
| Tierce, J F Oklahoma State Univ., Stillwater; Dept. of Poultry | Verlaat, J Research Station for Vegetable Growing in the Open,; Alkmaar, Netherlands | Animal Industries 4261 Wiseman, R A |
| Science 4106 Todd, E L | Viglierchio, D R | London School of Hygiene and Tropical Medicine, England |
| Agricultural Research Service, U. S. National Museum,; Washington, D. C.; Systematic Entomoloy Lab. | California Univ., Davis; Dept. of Nematology 4058 Vindu, H C | Wittmann, W Bundesanstalt fur Pflanzenschutz, Vienna, Austria |
| 3780 Todd, E L | University of Agricultural Sciences, Hebbal, Ban- galore,; India; Dept. of Plant Pathology | Wittwer, S H |
| Agricultural Research Service, C/o U. S. National Museum,; Washington, D. C.; Systematic Entomology Lab. | Volozina, N V Ivanovo State Medical Inst., USSR; Dept. of | Michigan State Univ., East Lansing; Agricultural Experiment Station 4333 |
| Toeppich, S | General Biology 3886 | Wojewodin, A W All-Union Research Inst. for Plant Protection, |
| Soil Conservation Service 4084 Toranzos, L B | Vukovits, G Bundesanstalt fur Pflanzenschutz, Vienna, Austria 4021 | Leningrad,; USSR. 4090 Wood, R. J |
| Nacional Univ. del Nobdeste, Corrientes, Argentina; Facultad de Agronomia y Veterinaria 4248 | Waldroup, P W Arkansas Univ., Fayetteville; Dept. of Animal | Manchester Univ., England; Dept. of Zoology 3907 Wooley, P H |
| Toranzos, L B Nacional Univ. del Nordeste, Corrientes, Argen- | Sciences 4317 Walker, A C | Michigan State Univ., East Lansing; Dept. of Entomology |
| tina; Instituto de Biologia 4288 Toung, M | Australian National Univ., Canberra, Australian Capital; Territory, Australia; Dept. of Biochemistry 3887 | Wysong, D S Nebraska Univ., Lincoln |
| Shihlin Horticultural Experiment Station, Taipei, Taiwan, 4057 | Walker, D W Puerto Rico Nuclear Center, Mayaguez | Yamamoto, R |
| Townes, H American Entomological Inst., Ann Arbor, Mich. 3782 | 3888 Wallen, V R Canada Dept. of Agriculture, Ottawa, Ontario; Cell | California Univ., Davis; Dept. of Epidemiology and Preventive Medicine 4263 |
| Trammell, J L Texas A. and M. Univ., College Station; Dept. of | Biology Research Inst. 4022 Waloff, N | Yaraguntaiah, R C University of Agricultural Sciences, Hebbal, Ban- galore; India; Div. of Plant Pathology |
| Poultry Science 4249 Tsesalin, H A | Imperial College, London, England; Dept. of Zoology and Applied Entomology | Youngner, V B |
| Vsesyuziyi Nauchno-issledovatel'skii Institut Udobrenii i; Agropodochvovedenya, Mosow, USSR | Warnick, Re Utah State Univ., Logan; Dept. of Animal Science | California Univ., Riverside 4091 Yurkiewicz, W J |
| 4085 Tsitovich, I K Kuban Agricultural Inst., Moscow, USSR | Washburn, K W Georgia Univ., Athens; Dept. of Poultry Science | Millersville State Coll., Pa.; Dept. of Biology 3892 Zak-Ogaza, B |
| Tsuneki, K | Washburn, K W | Cracow Coll. of Agriculture, Poland; Dept. of Zoology |
| Fukui Univ., Japan; Biological Lab. Tunstall, J P | Georgia Univ., Athens; Dept. of Poultry Science 4257 Weber, C W | Zaslavskiy, V A USSR Academy of Sciences, Leningrad; Inst. of |
| Agricultural Research Council Of Central Africa 4044 | Arizona Univ., Tucson; Dept. of Poultry Science 4258 | Zoology 3787 |

BIOGRAPHICAL INDEX

Zavala, M A

Zavala, M A
Texas A and M Univ., College Station; Dept. of
Poultry Science

4264

Zindel, H C
Michigan State Univ., East Lansing; Dept. of

Poultry Science

4264

Zolli, Z
Abbott Labs., North Chicago, Ill.; Amdal Co.

4289

Zuffa, A
Institute Bioveta, Nitra USSR; Dept. OF Research
4266

Zwatz, B
Bundesanstalt fur Pflanzenschutz, Vienna, Austria
4030

AUTHOR INDEX

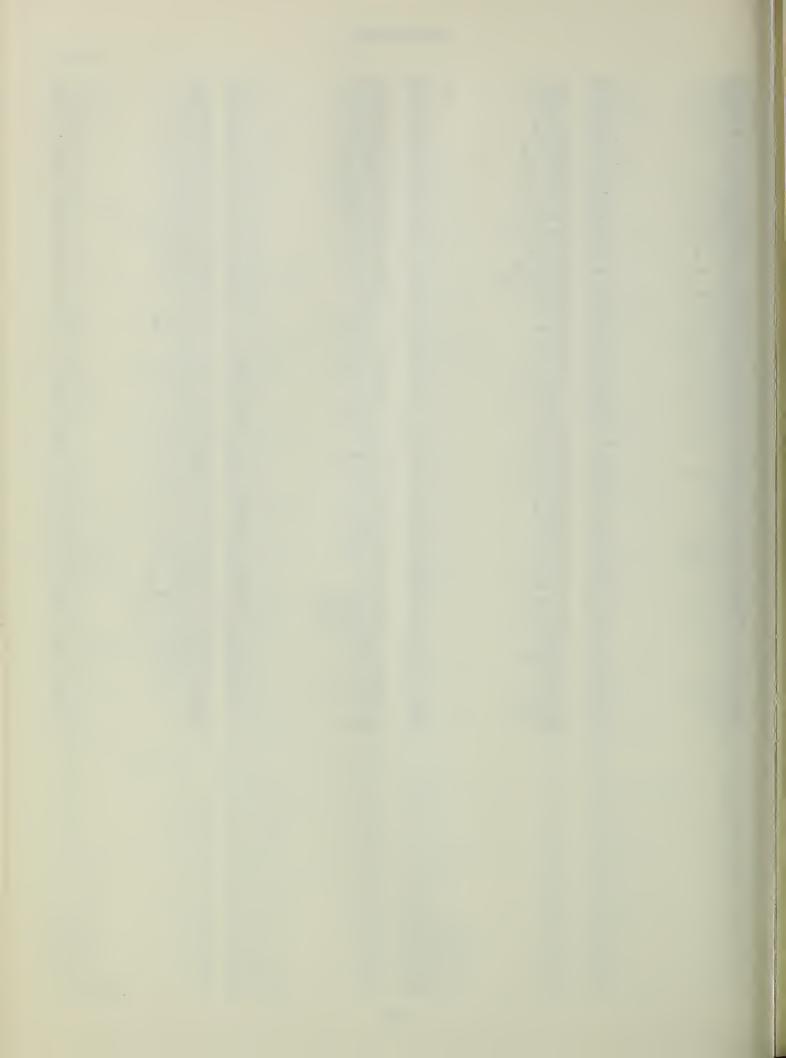
| Adcock, J L 4182 | Bohm, K H | 4119 | 4249, 4264 | 4050 | 4221 Fuls-mi II | 2041 |
|---------------------------------------------------|---------------------------------|--------------|--------------------------------|--------------|--------------------------------|--------------|
| Adiyodi, K G 3788 Adler, H E 4108 | Bond, D Boray, J C | 4145 4280 | Croll, N A Csongrady, F M | 4058 4086 | Fukami, H 3880 | 3841 |
| Agarwal, S K 4075 | Borgo, G D | 4120 | Cummins, M | 4325 | Funk, C R | 3964 |
| Aggarwal, S K 3789 | Bots, G T A M | 4121 | Cunningham, B | 4260 | Fushimi, S | 3857 |
| Agosin, M 3798 | Bottarelli, F | 4122 | Czeczuga, B | 3813 | Fusiek, G | 4196 |
| Agudu, E W 4151 Ahmad, I 3866 | Bovard, K P Bowen, T E | 4302 4317 | Czerwinska, C D'Amico, J J | 3799 4336 | 4197 Gagne, R J | 3749 |
| Ahmad, I 3866 Aichele, M D 3961 | Bowers, W S | 3805 | Dahlgren, R R | 4136 | Galati, P | 4150 |
| Aidley, D J 3791 | Boyes, J W | 3893 | 4211 | 4150 | Gaprindashvili, N K | 3819 |
| Al-Khatib, G 4114 | Boyle, J S | 3954 | Daines, R H | 4326 | Garbers, D L | 4241 |
| Ali, A 4283 | Brand, M | 4185 | Damiano, S | 4137 | Gardiner, E E | 4151 |
| Allan, W C Allen, H W 3793 | Brannock, L D Bressler, G O | 4332 4216 | 4138, 4150, 4269 | 4139 | Gateff, E | 3872 4275 |
| Allen, H W 3793 Alloway, T M 3794 | Bridges, C H | 4165 | Damron, B L 4156 | 7137 | Gemmer, H Gentry, R F | 4275 4216 |
| Allred, D M 4267 | Brigham, R D | 3946 | Danbara, H | 4285 | George, M H | 4238 |
| Ambo, K 4305 | Brink, J M van | 3893 | Darling, M A | 4162 | Gerola, F M | 3959 |
| Anderson, G R 3811 | Brown, C J | 4153 | Dash, M | 3744 | Getsova, A B | 3820 |
| Anderson, J L 3934 Anderson, J O 4255 | Brown, H D Brown, S W | 3947 3894 | Davidson, D Davies, P J | 4004 4319 | Gibbs, A J | 3960 3821 |
| Anderson, J O 4255 Anderson, R J 4110 | Bruckbauer, H | 3948 | Davies, P J Davis, N D | 4135 | Gilbert, L I Gilbreath, J C | 4106 |
| 4346 | Buck, W B | 4306 | Davis, R | 3748 | Gilmore, J E | 3913 |
| Andrianova, N S 3795 | Buddenhagen, I W | 3971 | Day, E J | 4130 | Girardie, A | 3831 |
| Anonymous, 3796 | Bukovac, M J | 3913 | Dean, W F | 4140 | Gispen, R | 4166 |
| 3909, 4031, 4059, 4342 Anthon, E W 4032 | 4318 Pulcini M I | 4127 | Debenest, J-M J | 4141 4064 | Giussani-Belli, G | 3942 |
| Aoki, H 3826 | Bulgini, M J Burcham, L T | 4062 | Debrevodsky, J Decelle, J | 3745 | 3959, 3960 Glaeser, G | 3915 |
| Ardrey, W B 4287 | Burks, B D | 3742 | Demel, J | 4024 | Glotoff, N W | 3897 |
| Arthur, J A 4111 | Burmeister, P | 3914 | Deutschlander, N | 4259 | Goble, H W | 3916 |
| Asano, S | Burridge, M J | 4154 | Diener, U L | 4135 | Goldberg, E | 3821 |
| Askew, R R 3797 Aucar, V G 4115 | Butterworth, F M | 3895 | Dill, J C | 3849 | Gomec, B | 3961 |
| 4248, 4288 | Byford, W J Cacchione, R A | 3949 4127 | Dingle, H Doberenz, A R | 3814 4258 | Good, R A Gordy, J F | 4213 4129 |
| Aulakh, K S 3935 | Caldwell, R L | 3814 | Dodd, F O | 3950 | Gothe, R | 3822 |
| Avens, J S 4094 | Cals, P | 3806 | Dolar, M S | 3951 | Grace, O D | 4245 |
| Awoderu, V A 3936 | Calston, A W | 4319 | Domanska, H | 4320 | Graham, W A E | 4061 |
| Babcock, S W 4193 | Calvert, C C | 4123 | Donges, J | 4270 | Grandolini, G | 4334 |
| Babinski, P L 3964 Bag, S 4076 | Camenzind, R Campbell, C H | 3896 4124 | Donnellan, J F Donovan, G A | 3815 4113 | Grant, C A Green, G J | 4152 3962 |
| Bailie, W E 4312 | Carbon, J-P P E | 4125 | Doyle, A D | 4065 | Greene, L M | 4129 |
| Baker, D H 4244 | Carle, P | 4034 | Drees, H | 4292 | Gregg, R E | 3750 |
| Baker, R C 4253 | Carlson, C W | 4206 | Duggan, R E | 4096 | Gregor, F | 3823 |
| Balazs, I 3798 | 4207, 4247 | 2007 | 4142, 4143, 4144, 4293, 4 | | Grejtovsky, A | 4322 |
| Balazy, S 3799 Baldacci, E 3910 | Carlson, S D | 3807 4227 | Dungayorth D I | 4306 4164 | Gresikova, M | 4167 4052 |
| 3937, 3938, 3939, 3940, 3980, | Carrasco, J Carter, J C | 3950 | Dungworth, D L Duperrex, A | 3956 | Griffin, G D Griffin, J G | 4212 |
| 4045, 4060 | Casinovi, C G | 4334 | Duros, M | 4307 | Grigat, E | 4337 |
| Ballantyne, B 3941 | Caskey, C D | 4234 | Dykova, I | 4271 | Grover, R K | 3935 |
| Balloun, S L 4112 | Castro, L A B | 3997 | Easterday, B C | 4157 | Grum, L | 3824 |
| Bargielski, J 3799 | Cecil, H C | 4095 | Eaton, J B | 4234 4324 | Guenter, W | 4169 |
| Bassi, M 3959 Bavenboer, L 4291 | Cedro, V C F 4127 | 4126 | Eck, P Edgar, S A | 4324 | Guerrero, R D Gur'veva, Y L | 4053 3751 |
| Bayer, R C 4113 | Cengiz, A | 3951 | 4145, 4272, 4284 | 4131 | Gusic, V I | 4035 |
| Beall, S G 4164 | Cepelak, J | 3808 | Edmunds, J E | 4048 | Gyles, N R | 4153 |
| Beament, J W L 3800 | Cerny, V | 3743 | Edwards, H M | 4105 | Habu, A | 3825 |
| Becht, H 3822 | 4268 Challay I P | 4128 | Eggenhofer, R J | 4146 | Haff, R F | 4215 |
| Beechey, R B 3815 Beer, J 4114 | Challey, J R Chaloupka, G W | 4129 | Eidson, C S Eigner, E A | 4147 4339 | Hague, P H Hajj, R N | 4154 4155 |
| Bell, G 4306 | Charles, O W | 4130 | Eleazer, T H | 4117 | Hakkaart, F A | 3963 |
| Bell, R R 4279 | Chenulu, V V | 3920 | Enigk, K | 4148 | Halisky, P M | 3964 |
| Belli, G 3937 | Cherednikov, A V | 3809 | Epps, J M | 4049 | Halstead, P | 4163 |
| 3938, 3942 Repedetti I M F de 4126 | Chew, C F | 3952 4060 | 4050 Enstein A H | 3957 | Hancioglu, O | 3951 |
| Benedetti, L M E de 4126 Benes, K 3801 | Chiapparini, L 4063 | 4000 | Epstein, A H Eraker, J | 3811 | Haney, J G Hanlin, R T | 4066 3965 |
| Benitez, J A 4115 | Chinchon, R | 4227 | Ercegovich, C D | 3954 | Harms, R H | 4103 |
| 4248, 4288 | Cho, Y | 4131 | Ertlova, E | 3816 | 4139, 4156 | |
| Bennett, F D 3802 | Chona, B L | 3920 | Eto, M | 3859 | Harris, E D | 3983 |
| Bennett, M V 4289 Beran, F 3803 | Christensen, B G Cisale, H O | 4335 4126 | Fairchild, G B Farley, R D | 3746 3817 | Harris, S J Haskell, D T | 4095 3883 |
| 3911 | Clady, M D | 3810 | Farmer, J N | 4232 | Haskell, J B | 3814 |
| Berencsy, Gy 4167 | Cleveland, C | 3894 | Fawcett, M O | 4304 | Hayashi, A | 3826 |
| Bergman, B H H 3943 | Close, R C | 3953 | Fentiman, A F | 3863 | Heiniger, P | 3910 |
| Bettinotti, C M 4116 Betto, E 3944 | 4040 Cole, H | 3954 | Fenwick, D W Feron, V J | 4051 4121 | Heller, G Henner, J | 4229 3966 |
| Betto, E 3944 Bierer, B W 4117 | Combs, G F | 4205 | Ferreira, M C | 3747 | Henry, J E | 3827 |
| Bigland, C H 4118 | 4233 | | Fincher, G T | 3748 | Herbaut, C | 3832 |
| Bill, S M 4061 | Comly, G H | 3996 | First, N L | 4241 | Hering, E M | 3752 |
| Biondi, E 4133 | Compagnucci, M | 4132 | Fisher, H | 4149 | Herrick, R B | 4204 |
| Bird, G W 4046 4047 | 4133 Conti, g | 3944 | Fitzgerald, J E Flanagan, C | 4226 4145 | Hewitt, W B Hiepe, T | 4330 4273 |
| Birt, L M 3887 | Cook, B J | 3811 | Fleischmann, G | 3958 | Hilbrich, P | 4148 |
| Bisping, W 4119 | Cooper,m D | 4213 | Flint, O S | 3818 | Hinners, S W | 4261 |
| Bitman, J 4095 | Corstvet, R E | 4134 | Foote, B A | 3885 | Hocking, D | 3967 |
| Bleszynski, S 3741 Blodgett, E C 3961 | Couch I N | 4135 | Forsberg, J L | 4321 4308 | Hoffman M B | 3968 3917 |
| Blodgett, E C 3961 Bobiatynska-Ksok, E 3813 | Couch, J N Couch, J R | 3812 4158 | Forsyth, A A Foss, D C | 4308 | Hoffman, M B Hogenson, R O | 3917 3970 |
| Bockmann, H 3912 | 4249, 4264 | | Francis, D W | 4219 | Holt, S C | 4188 |
| Bodnaryk, R P 3804 | Cox, A C | 4112 | Francis, J | 4239 | Holtenius, P | 4152 |
| Boehne, J W 4220 | Cox, C D | 4188 | Freeman, G H | 3967 | Homme, P J | 4157 |
| Boerema, G H 3945 Bohl, E H 4198 | Cox, R S Cramer, D A | 3955 4224 | Friedman, S Fries, G F | 3836 4095 | Hooper, F G Horn, A von | 4158 4092 |
| Bohm, H 4198 | Creger, C R | 4158 | Fritz, J C | 4220 | Horst, R K | 3969 |
| 1000 | | | -, • - | | | |

| Hosford P M | 3970 | Krishnan, A S | 4068 | Miller, D D | 3899 | Pendergrass, A | 4327 |
|---------------------------------|--------------|------------------------|------|-------------------|------|----------------------|--------------|
| Hosford, R M | 3945 | Kroes, R | 4121 | Miller, D L | 4112 | Penn, R P | 4100 |
| Howeler, L H | | | | | | | |
| Howland, R M | 4097 | Krzywicki, M | 3758 | Miller, D R | 3986 | Pensack, J M | 4101 |
| Huffaker, R H | 4304 | Kubin, M | 4170 | Miller, J F | 4070 | Perey, D Y E | 4213 |
| Hughes, I W | 3802 | Kuc, J | 4323 | 4071 | | Petermann, U B | 3902 |
| Huguelet, J E | 3970 | Kucera, D R | 3947 | Mills, R R | 3870 | Petersen, C F | 4225 |
| Hulbert, L C | 4312 | Kumar, M C | 4171 | Minar, J | 3854 | 4287 | |
| Hunter, J E | 3971 | Kurcheva, G F | 3840 | 3855 | | Petersen, G | 3761 |
| Hunziker, P | 3828 | Kuwahara, Y | 3841 | Minarik, E | 4329 | Peterson, I L | 4214 |
| | 3753 | 3880 | 3041 | Minck, K | 4195 | Petrolini, B | 3980 |
| Hurka, K | 3133 | | 4115 | | | | |
| 3829 | 4100 | Laffont, H | 4115 | Minton, E B | 3946 | Pette, J | 4235 |
| Huston, T M | 4100 | Laffont, H E | 4248 | Mitchell, R J | 4245 | Pierret, J F | 4313 |
| 4257 | | 4288 | | Mitrovic, M | 4185 | Pierson, C F | 4328 |
| Hutchinson, H D | 4159 | Lalatta, F | 4045 | 4196, 4197 | | Pilet, C | 4301 |
| Ichinose, T | 3898 | Lambat, A K | 3920 | Moglia, C | 4060 | Pilz, H | 4114 |
| Ikeno, Ń | 3830 | Lamina, J | 4275 | Mohamed, Y S | 4198 | Pinet, J M | 3862 |
| Iren, S | 4036 | Lanier, L | 3979 | Mohrig, W | 3856 | Pinto, C A | 4215 |
| Isenberg, F M | 4327 | Lauge, G | 3842 | Moolani, M K | 4075 | Pitman, G B | 3863 |
| | | | | | 4073 | | |
| Ishino, Y | 3898 | Laverton, S | 3921 | 4082 | 4125 | Pitois, M | 4277 |
| Ivanova, I V | 3754 | Le Gouis, J-J E P F | 4172 | Moore, C H | 4135 | Plank, H | 4163 |
| Iyengar, M O P | 3812 | Lea, A O | 3843 | Moran, E T | 4199 | Plank, H E | 4162 |
| Jacob, C | 4228 | Leal, N R | 3997 | Moreau, D M | 4200 | Pleva, V | 4266 |
| Jakob, M H | 3972 | Leanza, W J | 4335 | Morrison, P E | 3804 | Plotnikova, S I | 3864 |
| James, L F | 4304 | Leib, E | 4347 | Motoyoshi, F | 3987 | Polewaczyk, D E | 4265 |
| Jamison, A | 4286 | Lewis, F H | 3922 | Moubry, R J | 4300 | Pomeroy, B S | 4171 |
| Jeddicke, K | 4160 | Ley, H L | 4173 | Mougeot, H L J | 4311 | Poole, R W | 3762 |
| Jensen, L S | 4161 | 4174, 4175, 4176, 4177 | | Mroczkowski, M | 3760 | Porte, A | 3831 |
| Jessep, C T | 4041 | 4179, 4180 | ,, | Mukherjee, K K | 3977 | Povolny, D | 3829 |
| | 3973 | | 4181 | Mukhopadhyay, S K | 4076 | Powers, H R | 3993 |
| Joffe,a Z | | Likhachev, N V | | | | | |
| Johnson, C A | 4128 | Lincoln, S D | 4182 | Mulholland, R I | 4040 | Prasad, V | 3865 |
| 4162, 4163 | | Lipa, Y Y | 3844 | 4041 | | Preacher, P H | 3947 |
| Johnson, D L | 3889 | Lloyd, R W | 4129 | Munakata, K | 3835 | Presley, J T | 3952 |
| Johnson, K L | 4338 | Locci, R | 3980 | Munn, R J | 4164 | Prine, G M | 4139 |
| Johnston, F A | 4067 | 4323 | | Murphy, C D | 4201 | Priode, B M | 4302 |
| Joly, L | 3831 | Loftfield, R B | 4339 | Myrdal, G R | 4300 | Provvidenti, R | 4003 |
| Joly, P | 3831 | Lohr, K F | 4183 | Naf, U | 4325 | Pulawski, W | 3763 |
| Joly, R | 3832 | Lombard, P B | 4332 | Nagasawa, S | 3857 | Putnam, A R | 3994 |
| | | | | | | | 4337 |
| Jones, E L | 4037 | Lori, R D | 4184 | Nagy, L K | 4202 | Putter, R | |
| Jones, J C | 3890 | Lowe, A D | 3981 | Nakagawa, S | 4318 | Quarles, C L | 4216 |
| Jones, J E | 4234 | Lyayster, Y A | 3845 | Nakamura, S | 3858 | Quinart, P_M | 4217 |
| Jones, J P | 3974 | Lyle, W E | 4300 | Nayar, K K | 3788 | Quintana, V | 3888 |
| Jonsson, G | 4152 | Lyon, R J | 4038 | Nelson, B | 4077 | Radewald, J D | 4054 |
| Jorgenson, E C | 4052 | MacKenzie, D R | 3954 | Nelson, P E | 3969 | Ragala, P | 4329 |
| Joshi, C S | 4263 | MacKenzie, G H | 4069 | Nelson, T S | 4190 | Raghuwanshi, O P | 3866 |
| Kahlert, K | 3918 | Mahnel, H | 4235 | Netke, S P | 4203 | Rahim, A | 4283 |
| Kahn, A | 4283 | Mainland, C M | 4324 | Neururer, H | 4078 | Rai, J N | 3995 |
| | | | 3996 | 4079, 4343 | 4070 | | 4218 |
| Kandybina, M N | 3833 | Mainprize, L F | | | 4171 | Raines, T V | |
| Katayama, E | 3834 | Mal'chenkova, N I | 3846 | Newman, J A | 4171 | Rasmussen, J | 4304 |
| Kaufman, H A | 3850 | Maloney, M A | 4106 | Newton, M | 4080 | Rasmusson, G H | 4335 |
| Kaump, D H | 4226 | Marsh, P M | 3759 | Nicklas, R B | 3896 | Rathore, B S | 4223 |
| Kawakawi, T G | 4164 | Martelli, M | 3940 | Nicklas, W E | 4314 | Rattink, H | 3925 |
| Kawano, T | 3835 | Martens, J W | 3962 | Niedzwiecki, E | 3813 | Razowski, J | 3764 |
| Kaya, S | 4252 | Martinez, E S | 4127 | Nielsen, J | 3989 | Refati, E | 3937 |
| Keeley, L L | 3836 | Martinovsky, J | 3847 | Ninan, T | 3900 | Reichmuth, W | 3867 |
| Kerr, É | 4027 | Martinson, R | 4161 | Nishizawa, R | 3990 | Reid, B L | 4258 |
| Kerr, K M | 4165 | Martone, F | 4132 | Nockels, C F | 4204 | Reiss, F | 3765 |
| Keshavamurthy, K V | 4028 | Marusich, W L | 4185 | Nott, H | 4205 | 3766 | |
| | 3837 | Marx, F | 4186 | Novacek, E J | 4206 | Reyes, A A | 3996 |
| Khan, M A Q | 3866 | Mathiau D | 4187 | 4207 | 4200 | Ribeiro, R L D | 3997 |
| Khan, N H | | Mathieu, D | 3892 | | 2010 | Richter, F | 1121 |
| Khanna, A N | 4006 | Mathur, C F | | Novitskaya, T N | 3819 | | 4134 |
| Khanna, B M | 4006 | Matis, J | 4266 | Nudge, F J | 4091 | Rikhter, V A | 3833 |
| Kienholz, E W | 4210 | Matthews, R_W | 3759 | Nur, U | 3901 | Rinker, H B | 4211 |
| 4314 | | Matuskova, E | 4170 | O'Brien, R W | 4240 | Rizki, T M | 3903 |
| Kiesling, R L | 3970 | Matzer, N | 4134 | O'Reilly, D J | 4260 | Roane, C W | 3998 |
| Kimoto, S | 3755 | Mauman, R K | 4188 | Obel, A L | 4208 | Robbins, W E | 3807 |
| Kingsolver, J M | 3756 | Mayberry, K S | 4054 | Oddo, N | 4334 | Roberson, R H | 4219 |
| Kinzer, G W | 3863 | Mayer, H F | 4189 | Oehme, F W | 4312 | Roberts, T | 4220 |
| Kirk, J K | 4098 | Mayer, K | 3848 | Oetjen, J | 4209 | 4221 | |
| 4274, 4295, 4296, 429 | | Mayr, E | 4344 | 4243 | | Rojas, A | 4228 |
| 4299 | 7, 4270, | McCann, G D | 3849 | Ogrinz, E | 4185 | Rola, J | 4081 |
| Kitamura, C | 3841 | McDaniel, B | 3757 | Ohkawa, H | 3859 | Rommel, A | 4229 |
| | 3041 | | 3982 | Ohnesorge, B | 3924 | | 4166 |
| 3880 | 4171 | McFadden, L A | | | | Ronde-Verloop, F M d | |
| Kleven, S H | 4171 | McGillivary, J J | 4190 | Ohnishi, E | 3881 | Rosen, J D | 3837 4222 |
| Klos, E J | 3975 | McGinnis, J | 4120 | Olin, J F | 4340 | Ross, E | 4222 |
| Knap, J | 3976 | McGlohon, N E | 3983 | Olivieri, R | 4334 | Ross, J P J | 4183 |
| Kocurik, S | 4322 | McVicar, J W | 4191 | Olson, J D | 4210 | Roubal, J | 3767 |
| Kohli, S P | 3977 | Mehta, R D | 3893 | Omar, M S | 3860 | Routtenberg, A | 3794 |
| Kojima, E S | 3971 | Meignoz, R | 4000 | Ortmayer, H B | 4263 | Rowland, L O | 4103 |
| Kok-Doorschodt, H J | 4166 | Melton, T M | 3850 | Osgood, J W | 4054 | Roy, R | 3768 |
| Koller, M | 4167 | Menge, H | 4192 | Oshima, N | 3987 | Rudolph, R | 4259 |
| Kolman, J M | 4168 | Menshutkina, T V | 3851 | Oshima, Y | 3859 | Rumsey, T S | 4302 |
| Kolomiyets, N G | 3838 | Mentzel, W | 3984 | Otto, H W | 4326 | Russ, K | 3740 |
| Konar, S K | 4310 | Mercantini, R | 4334 | Pala, J | 4009 | 3868, 3926 | |
| Kondra, P A | 4169 | Meshkova, A M | 3852 | Pallet, D A | 3996 | Rybalko, A P | 3869 |
| Konopko, E | 4009 | Messner, B | 3856 | Palmer, I S | 4247 | Rysavy, B | 4278 |
| Kosaka, K | 4285 | Metlitsky, L V | 3985 | Palmiter, D H | 3991 | Sadanaga, K | 3825 |
| | | | 4193 | Panciera, R J | 4211 | Sagsoz, S | 3951 |
| Kosztarab, M | 3757 | Meyer, G B | 2022 | | | | 3826 |
| Kovalev, O V | 3833 | Meylan, G | 3923 | Pantyukhov, G A | 3861 | Saito, T | 3020 |
| Kozera, W | 3978 | Michel, J F | 4276 | Parkhurst, R T | 4212 | 3835 | 2004 |
| | 6000 | | | | 4054 | | |
| Kralovic, J | 3839 | Michelin, P A | 4194 | Paulus, A O | | Saitoh, K | 3904 |
| Kralovic, J Krasienikov, N A | 3839 3919 | Miczulski, B | 3853 | Peacher, P H | 3992 | Saitoh, M | 3904 |
| Kralovic, J | 3839 | | | | | | |

AUTHOR INDEX

Zwatz, B

| Samborski, D J | 3999 | Sinha, A K | 3995 | Tam, K F | 4145 | Vite, J P | 3863 |
|-------------------|------|-----------------------------|--------------|----------------------------|------|-------------------|------|
| Sanford, P E | 4223 | Skilling, D D | 3928 | Tamimie, H S | 4246 | Vogel, W | 4254 |
| Sanger, W G | 3899 | 4007 | | Tanaka, F | 3859 | Volkova, G A | 3820 |
| Sasakawa, M | 3769 | Skopin, N G | 3772 | Taylor, T H C | 3883 | Volozina, N V | 3886 |
| Satour, M M | 4330 | Slama, K | 3903 | Tekinel, N | 3951 | Vukovits, G | 4021 |
| Sauer, J R | 3870 | Smale, B C | 4008 | Telenga, N A | 3884 | Wadley, B N | 3934 |
| | 4224 | Smeltzer, R | 4163 | Tenora, F | 4278 | Waldroup, P W | 4317 |
| Sauer, N.G. | | Smith, D H | 3900 | | | | |
| Sauter, E A | 4225 | Smith, D R | 2772 | Ternovskii, M F | 4016 | Walker, A C | 3887 |
| 4287 | 4044 | Silitil, D K | 3773 | Terrat, J L | 4316 | Walker, D W | 3888 |
| Savage, S I | 4314 | Smith, H G | 3960 | Theilen, G H | 4164 | Wallbank, A M | 4242 |
| Sazonova, O N | 3770 | Smith, J P Smith, S B | 4279 4234 | Thomas, O P | 4233 | Wallen, V R | 4022 |
| Scalla, R | 4000 | Smith, S B | 4234 | Thompson, O J | 4247 | Waloff, N | 3784 |
| Schablik, M | 4167 | Smyth, J R | 4256 | Thomsen, E | 3843 | Warner, C A | 3996 |
| Schaefer, C H | 3871 | Sobrero, R | 4236 | Thorell, C B | 4152 | Warnick, Re | 4255 |
| Schaelling, J P | 3934 | Sonda, G P | 4237 | Tierce, J F | 4106 | Washburn, K W | 4104 |
| Schardein, J L | 4226 | Sorheim, A O | 4202 | Todd, E L | 3780 | 4147, 4256, 4257 | |
| Scheifele, G L | 4001 | Spalding, D H | 4008 | 3781 | | Washino, R K | 3871 |
| Schenone, H | 4227 | Spears, J F | 4056 | Toeppich, S | 4084 | Watanabe, H | 3997 |
| 4228 | 7227 | Speers, G M | 4112 | Tolin, S A | 3998 | Watanabe, Y | 4305 |
| Schildknecht, E G | 4196 | Spencer, J V | 4238 | Tollet, V E | 4317 | Wearsch, T | 3885 |
| | 4170 | Spradbrow, P B | 4239 | | | | |
| 4197 | 2070 | Springensguth, W | 3929 | Tolman, V | 3873 | Weber, C W | 4258 |
| Schlenz-true, R | 3870 | Srekajs, A | 4083 | Toma, B | 4301 | Weil, E D | 4341 |
| Schlichting, H L | 4341 | Stach, J | 3774 | Tonolo, A | 4334 | Weiss, E | 4259 |
| Schmidlin, A | 3771 | Stary, P | 3876 | Toranzos, L B | 4115 | Wellso, S G | 3900 |
| Schmittle, S C | 4147 | Starzycki, S | 4009 | 4248, 4288 | | Wenner, A M | 3889 |
| Schnathorst, W C | 4002 | | | Toung, M | 4057 | Wensvoort, P | 4107 |
| Schneiderman, H A | 3872 | Staten, G | 3952 | Townes, H | 3782 | Wenzl, H | 4023 |
| Scholtyseck, E | 4229 | Steel, W O | 3775 | Trammell, J L | 4249 | 4024 | |
| Schomer, H A | 4328 | Steele, J E | 3877 | Treherne, J E | 3800 | Werner, R A | 3890 |
| Schonbeck, H | 3927 | Steeves, H R | 3807 | Tsesalin, H A | 4085 | Westwood, M N | 4332 |
| Schreier, O | 4042 | Stekol'nikov, A A | 3878 | Tsitovich, I K | 4303 | Wetzel, H | 4281 |
| Schroeder, W T | 4003 | Stephen, R C | 4040 | Tsuda, T | 4305 | Wheeler, J A | 4089 |
| Schulten, G G M | 3905 | Stephens, J F | 4250 | Tsukada, T | 4285 | White, D S | 4260 |
| Schwarz, R | 3873 | 4251 | | Tsuneki, K | 3783 | Whiten, J | 3821 |
| | | Stephenson, E L | 4317 | | 4044 | | |
| Scott, H M | 4187 | Stern, J R | 4240 | Tunstall, J P | | Wicker, E F | 4025 |
| 4203, 4244 | 4115 | Stewart, R C | 4215 | Turk, D E | 4250 | Williams, D J | 3785 |
| Scott, W F | 4117 | Stewart, T B | 3748 | _ 4251 | | Willows, W A | 3996 |
| Sebek, Z | 4278 | Stino, K R | 4104 | Turkmenoglu, Z | 4252 | Wills, J R | 4261 |
| Sell, J L | 4155 | Stratman, F W | 4241 | Turner, J E | 4153 | Wiseman, R A | 4282 |
| Sem'yanov, V P | 3844 | Streeter, E M | 4238 | Ubrizsy, G | 4086 | Witte, J H | 4262 |
| Sethi, K L | 3977 | Stubbs, E L | 4242 | Ulinich, A | 4087 | Wittmann, W | 4026 |
| Sevoian, M | 4230 | Stusak, J M | 3776 | Ullstrup, A J | 4017 | Wittwer, S H | 4333 |
| 4231 | | Stute, W | 4243 | Umeda, K | 3859 | Wojewodin, A W | 4090 |
| Shahidi, A | 4232 | Stute, W | 3997 | Umezu, M | 4305 | Woltz, S S | 3974 |
| Shank, F R | 4233 | Sudo, S | | Umphlett, C J | 3812 | Wood, R J | 3907 |
| Sharp, W R | 4004 | Sugahara, M | 4244 | Urriola, J | 4227 | Woodroffe, G E | 3775 |
| Shepherd, S M | 4302 | Sugi, S | 3777 | Uschmann, I | 4273 | Wooley, P H | 3891 |
| Sherwood, D H | 4234 | Sukhov, K S | 4014 | Vaccaro, A | 4133 | Wysong, D S | 4027 |
| Shevchenko, A K | 3874 | Sullivan, J | 4325 | Vaccaro, A Vadehra, D V | 4253 | Yamamoto, R | 4263 |
| | | Sullivan, T W | 4245 | Valley V | 3885 | | |
| Shibata, F | 4305 | Sumangil, J P | 4093 | Valley, K | | Yamamoto, S | 4305 |
| Shibuya, F | 4054 | Summers, J D | 4199 | Vallo, V | 3839 | Yano, S | 4285 |
| Shiga, A | 4305 | Sunde, M L | 4193 | Van Kampen, K R | 4304 | Yaraguntaiah, R C | 4028 |
| Shigematsu, H | 3875 | Suso, F A | 4105 | Van Sickle, G A | 4018 | Yazykova, T F | 4014 |
| Shilenko, B V | 3906 | Sutherland, D J | 3837 | Van Wormer, M C | 4234 | Youngner, V B | 4091 |
| Shoji, Y | 4305 | Sutmoller, P | 4191 | Vandeberg, J S | 3807 | Yurkiewicz, W J | 3892 |
| Shor, A L | 4101 | Suzuki, G | 3881 | Vardaman, T H | 4212 | Zacchi, A | 4150 |
| Shutze, J V | 4204 | Symons, L E A | 4280 | Vegetti, G | 3944 | Zak-Ogaza, B | 3786 |
| 4224 | | Szeptycki, A | 3778 | Velu, J G | 4203 | Zambettakis, C | 4029 |
| Siegl, G | 4235 | Szulc, W | 3779 | Verhoeff, K | 4019 | Zaslavskiy, V A | 3787 |
| Simkins, K L | 4101 | Takahashi, F | 3841 | Verlaat, J | 4088 | Zavala, M A | 4264 |
| Simmonds, F J | 4043 | 3880 | 3071 | Viglierchio, D R | 4058 | Zindel, H C | 4289 |
| Singer, R H | 4315 | Takahashi, H | 3898 | Vilagiova, I | 4273 | Ziolkowski, G | 3799 |
| Singh, A B | 4005 | Takahashi, S Y | 3881 | Villarroel, F | 4227 | Zolli, Z | 4265 |
| Singh, D V | 4003 | Takamiya, K | 3882 | 4228 | 7441 | Zuffa, A | 4266 |
| Singh, G B | 4006 | Takamiya, K Takeshita, H | 3875 | Vindu, H C | 4020 | Zwatz, B | 4030 |
| ongn, o b | 7002 | i dresilita, II | 3613 | · muu, m | 7020 | Ewatt, D | +030 |
| | | | | | | | |



ORGANIZATIONAL INDEX

Agricultural Research Service Entomology Research Div.

Agricultural Research Service Plant Pest Control Div. 4345

Agricultural Research Service,

Animal Disease and Parasite Research Div. and Crops; Research Div. 4109

Agricultural Research Service, Lubbock, Tex. Crops Research Div. 3946

Atomic Energy Commission 3888, 3971, 4267

Bundesforschungsanstalt fur Viruskrankheiten der Tiere.

Tubingen, West Germany 4116

Case Western Reserve Univ., Cleveland, Ohio Dept. of Biology 4004

Department of Agriculture 3807, 4058 Duke Univ., Durham, N. C. Dept. of Zoology

3896

East African Tropical Pesticides Research Inst., Arusha. Tanzania 3967

Ecole National Veterinaire d'Alfort, France 4099, 4141, 4307, 4311, 4313 Ecole Nationale Veterinaire d'Alfort, France 4125, 4172, 4194, 4200, 4217, 4262, 4277, 4316

Entomological Society of America, College Park, 3739

Farbenfabriken Bayer Aktiengesellschaft, Leverkusen, Germany 4337

Food and Drug Administration, Washington, D.

4096, 4098, 4142, 4143, 4144, 4174, 4175, 4177, 4179, 4180, 4274, 4293, 4294, 4295, 4296, 4297, 4298

Food and Drug Administration, Washington, D. C. P 4299

Harvard Univ., Cambridge, Mass Museum of Comparative Zoology 3759

Iowa State Univ., Ames Toxicology Section 4309 Kent State Univ., Ohio

Dept. of Biological Sciences 3885

Landwirtschaftliche Hochschule, Hohenheim, West Germany

Institut fur Pflanzenschutz

Landwirtschaftliche Hochschule, Hohenheim, West Germany

Institut fur Zoologie 3766

Landwirtschaftskammer Weser-Ems-Oldenburg, West Germany

Tiergesundheitsamt 4254

Leiden Univ., Netherlands Dept of Pathology 4121

Massachusetts Univ., Amherst Dept. of Veterinary and Animal Sciences 4256

Merck and Co., Rahway, N. J. 4335

Ministry of Agriculture, Fisheries and Food, England 4039

Ministry of Agriculture, Fisheries and Food, London

England; Food Standards, Science and Safety Div. 4072

Ministry of Agriculture, Fisheries and Food, London,

England; Food Standards Science and Safety Div., 4074

Ministry of Agriculture, Fisheries and Food, London

England; Food Standards, Science and Safety 4073

Mobil Oil Corp., N. Y. 3850

Monsanto Co., St. Louis, Mo. 4336, 4340

Moorman Mfg. Co., Quincy, Ill. 4159

National Inst. of Health

4164 National Inst. of Health, Bethesda, Md.

National Cancer Inst. 4242 National Science Foundation

3895, 4325 National Science Foundation, Washington, D. C. 3965

New South Wales Dept. of Agriculture, Sydney, Australia

Biology Branch 3988

Od and Drug Administration 4173

Oker Chemical Corp., Niagara Falls, N. Y.

Oklahoma State Univ., Stillwater Dept. of Veterinary Pathology 4211

Poultry Science Association 4102

Public Health Service 3794, 3798, 3836, 3837, 4213, 4339 Public Health Service, Atlanta, Ga. National Communicable Disease Center

3863 Rhode Island Univ., Kingston Dept. of Poultry Science

4151 Rothamsted Experimental Station, Harpenden, England 3960

Sheffield Univ., England Dept. of Biochemistry 3887

Station phytosanitaire, Geneva, Switzerland 3930, 3931, 3932, 4010, 4011, 4012, 4013

Sunkist Growers, Los Angeles, Calif. Pest Control Dept. 3879, 4015, 4331

Swift and Co., Chicago, Ill. 4338

Taisho Pharmaceutical Co. Ltd., Japan 3826

Tierarztliche Hochschule, Hanover, West Germany

Institut fur Parasitologie 4281

Tierarztliche Hochschule, Hanover, West Germany

Klinik fur Geburtshilfe und Gynakologie des Rindes

4186, 4209 University Coll., Nairobi, Kenya Faculty of Veterinary Science 4202

Utrecht Univ., Netherlands Inst. of Veterinary Pathology 4107

Waterloo Univ., Ontario Dept. of Biology 3804

West Indies Univ., St. Augustine, Trinidad and Tobago 4048

World Health Organization, Geneva, Switzerland 3908, 4290

U.S. DEPARTMENT OF AGRICULTURE WASHINGTON, D.C. 20250

OFFICIAL BUSINESS

| To stop mailing or to char | nge your |
|-------------------------------|----------|
| address send this sheet w | vith new |
| address to Pesticides Info | ormation |
| Center, National Agricultural | Library, |
| Washington, D.C. 20250. | |



POSTAGE AND FEES PAID
U.S. DEPARTMENT OF AGRICULT